## NASA Technical Memorandum 4343

# The 1988 Solar Maximum Mission Event List

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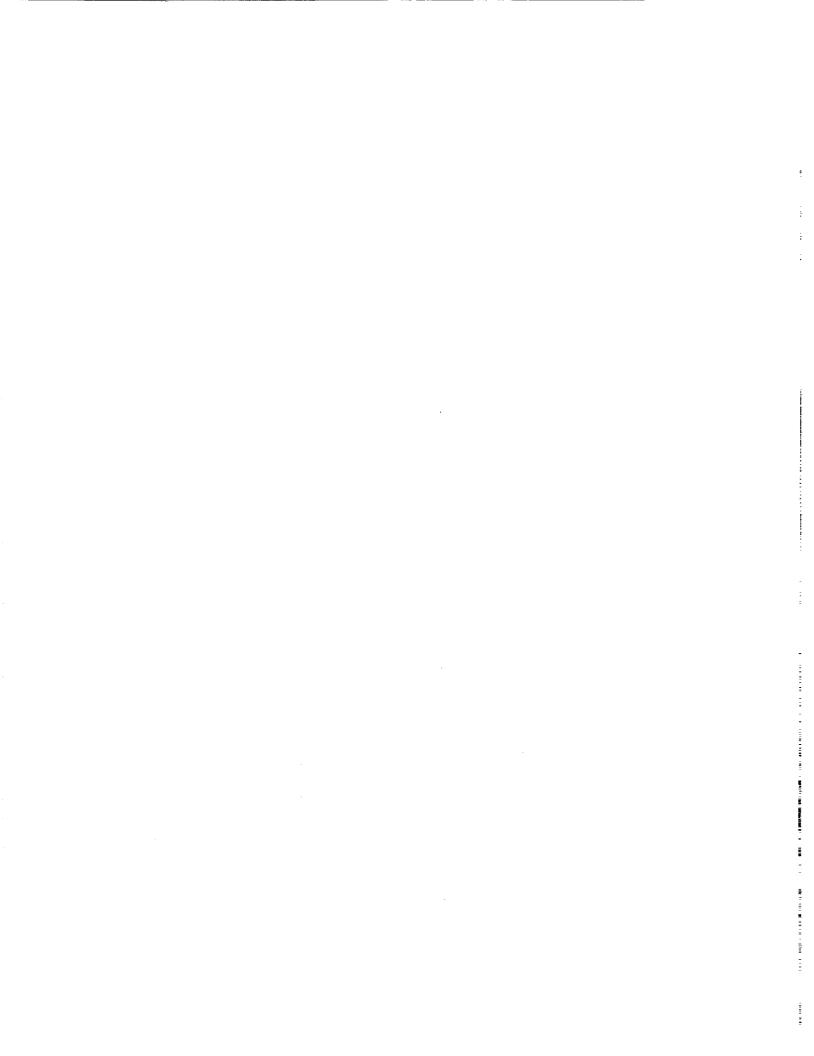
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#### INTRODUCTION

This document is an interexperiment compilation of solar burst activity observed by the Solar Maximum Mission (SMM) during the calendar year 1988. Data from the following instruments are included:

- 1. Gamma-Ray Spectrometer (GRS)
- 2. Hard X-Ray Burst Spectrometer (HXRBS)
- 3. Flat Crystal Spectrometer (XRP-FCS)
- 4. Bent Crystal Spectrometer (XRP-BCS)
- 5. Ultraviolet Spectrometer and Polarimeter (UVSP)
- 6. Coronagraph/Polarimeter (C/P)

Also included are X-ray, radio, and optical data from the National Oceanic and Atmospheric Administration/U.S. Air Force solar observing network.

Several mission milestones affected data gathering. The following table documents those milestones:

- 1. February 14, 1980
- SMM launch.
- 2. March 3, 1980
- Light bulb on FCS crystal drive mechanism fails inhibiting crystal runs during 1980.
- 3. June 1980
- One HXIS microprocessor fails
- 4. September 23, 1980
- Final C/P image due to failure of the C/P Main Electronics Box.
- 5. November 23, 1980
- End of pointed observations due to Attitude Control System fuse failures.
- 6. June 1981
- HXIS fails.
- 7. November 1983 -April 1984
- Severely limited tape recorder usage due to conservation efforts prior to repair.
- 8. April 1984
- Repair mission restores fine pointing control and replaces C/P Main Electronics Box. Observations were not full-time until May due to spacecraft checkout.
- 9. April 26, 1985
- UVSP loses commandability of wavelength drive. Remains in UV continuum near 1385A (second order) after this date.
- 10. January 08-24, 1986
- On board computer memory failure.
- 11. January 28-30, 1986 and February 12-28
- Comet Halley observations.
- 12. December 7, 1986
- C/P Tape recorder C fails.
- 13. April 1, 1987
- C/P resumes operations at reduced rate using tape recorder A.

The SMM instruments had a wide range of spectral and temporal capabilities. Consequently, observed burst structure, timing, and evolution for a single event could differ greatly between the instruments, creating some

ambiguities in correlating events. Additional ambiguities occurred when full disk instruments observed superposed bursts and limited field of view instruments observed only one source region.

Bursts observed by HXRBS formed the basis for this list. The instrument viewed the whole sun and high sensitivity data were taken continuously except during orbital night and South Atlantic Anomaly (SAA) passages. events were correlated with GOES X-ray, radio and optical data primarily by time coincidence, but also by burst magnitudes, profiles, and durations. observed by GRS were then incorporated. Flares in which the impulsive phase was not observed due to night or SAA were supplied by the additional BCS and FCS detected events. Other low temperature events without high energy signatures, such as those related to filament disruptions, were also added (GOES X-ray, radio, and optical data were included for the new events). C/P coronal mass ejections were incorporated, but with few correlations with other SMM events. When ground-based H-alpha observers reported the likely source, this The UVSP experiment file was scanned, and information was included. information on experiment modes, wavelength, etc. was added. Finally, the SMM computer pointing log was surveyed to provide the spacecraft location at the time of each event.

Every event observed during the mission has been assigned a unique event number, ranging between 1 and 12776 for events observed by HXRBS, and between 20001 and 23444 for events not observed by HXRBS. In this listing all information for each event is displayed in a multi-line block, one line per instrument. The first line gives the 'event time' (GOES peak time if available), the day of year (DOY) of the event, and the SMM pointing latitude, longitude, pitch, yaw, roll, and heliocentric angle. Lines for Optical, GOES, HXRBS, GRS, XRP-BCS, XRP-FCS, UVSP, C/P, Radio (Sweep Frequency), and Radio (Discrete Frequency) data follow if the information is available. In addition, on a particular line, entries are printed only if the item of information is available. Some events that were catalogued as separate events may actually be part of another event. In these cases, the 'associated event' information is listed immediately after the 'primary event,' separated by a dashed line.

Each instrument team has compiled individual event listings, most of which include more data than recorded here. Requests for those listings should be addressed to the appropriate Principal Investigator. Requests for access to the computer file from which this listing was derived should be made to the SMM Project Scientist. Software for manipulation of this file resides on the SMM Data Analysis Center VAX computer.

Many individuals on each instrument team were involved in the generation of the data used in this document. Without their efforts this compilation would not have been possible. The descriptive text for each instrument was provided by the individual instrument team.

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## Gamma-Ray Spectrometer (GRS)

The Gamma-Ray Spectrometer was a wide field of view X-ray, gamma-ray, and neutron spectrometer which recorded energetic photons with energies from 10 keV to greater than 100 MeV and neutrons with energies greater than 50 MeV. High resolution energy spectra were recorded between 300 keV - 9 MeV with 16.384 s temporal resolution. Higher time resolution (64 ms, 1.024 s, and 2.048 s) is available in some energy windows. Further instrumental details can be found in Forrest et al. (Solar Physics 1980, 65, 15).

The following list of events includes only those solar flares identified by an increase in the observed counting rate between 300 - 400 keV. The identification procedure uses a combination of visual and computer based search techniques. The visual technique employs manual inspection of the counting rates in the main spectrometer channels 10 through 30 which corresponds to an energy loss interval of 298 - 445 keV. The computer technique uses a comparison of a predicted rate based on a running average with the observed rate to search for events with a large rate of change of count rate. Both techniques are most efficient for impulsive events.

The search techniques also identify a number of non-solar transients. Those transients include cosmic gamma-ray bursts, particle precipitation events, and transients generated by orbiting nuclear reactors. The procedure for identification of reactor induced transients and particle precipitation events is described in Rieger et al. (Nature, 244, 441). Cosmic gamma-ray bursts are identified by the absence of associated GOES events, their positions (when available from the interplanetary network), short durations, and hard spectra.

## Description of GRS entries:

- 1. Start time expressed as hour:minute:second. All GRS times are based on 16.384 s Major Frame Pairs (MFP) required for a spectral accumulation between 0.3 and 9 MeV. Start time is the beginning time of the series of MFP which contains significant counts ≥300 keV. Therefore, the times and durations may diagree with other observations by up to 16.384 s.
- 2. End time in 300 keV flux, expressed in hour:minute:second.
- 3. Max.E.MeV the high-energy end of the channel band used for a power law spectral fit in MeV. The low-energy end of this band is always 300 keV. The high-energy end is determined by a statistical check of the data in 10 channel increments starting from the minimum required band channel 10 to 30. There may be gamma-ray emission above Max.E.
- 4. >10MeV 'Y' indicates presence of excess counts in the High Energy Monitor which requires energy losses >10 MeV.

- 5. Neutrons 'Y' flags events for which there is strong evidence that GRS has recorded delayed counts from a flux of solar neutrons giving energy loss >10 MeV.
- 6. Dur Duration of event in seconds (see warning note in description of start time above.

Additional information is available in the GRS Flare and Cosmic Burst data sets maintained at the University of New Hampshire. Contact the Principal Investigator for access to these data.

## Hard X-Ray Burst Spectrometer (HXRBS)

The Hard X-Ray Burst Spectrometer [L.E. Orwig, K.J. Frost, B.R. Dennis. Solar Physics 1980, 65, 25] was an actively-shielded CsI(Na) scintillation crystal with a sensitive area of 71 cm<sup>2</sup> and a circular field of view with a 40 degree FWHM. Thus, the whole sun was observed with no spatial information.

The basic scientific data from HXRBS consist of the counting rate recorded every 128 ms in each of 15 pulse-height channels. In-orbit calibration data showed that these channels covered the energy-loss range from 25 to 440 keV immediately after launch and then drifted slowly to higher energies since that time.

In addition to the 128 ms spectral data, an on-board circulating 32K-word memory stored count-rate data for the bigger flares with finer time resolution. The number of counts with a pulse-height between the bottom edge of channel 1 and the top edge of channel 15 was recorded in fine time intervals of 10, 5, or 1 ms as indicated by the flags "M", "M5" or "M1" respectively. The absolute time of all counting rate data is known to an accuracy of a few milliseconds, except where noted in the listing, thus allowing detailed comparisons to be made with other coincident observations.

Most of the events in this listing were discovered in the HXRBS data within a day after the observation. An average of about 90% of the SMM data was received at the Experimenters' Operations Facility at Goddard Space Flight Center a few hours after data transmission to the various ground stations. 24-hour data base was scanned each day for flares by plotting the counting rate in channel 2 as a function of time with 16 s time resolution. A flare which produced a 10% increase in counting rate lasting for a few seconds could be reliably detected above the 12 counts s<sup>-1</sup> background rate typically measured in channel 2. This corresponds to a detection threshold level of approximately 10<sup>-3</sup> photons cm<sup>-2</sup> s<sup>-1</sup> keV<sup>-1</sup> at 30 keV. Once an event had been discovered in this way, a standard plot of counting rate versus time was made with the counts in all 15 channels added together. Generally, a time resolution of 1.024 s was used for this plot with a time scale of 1 or 2 minutes per inch depending on the duration of the event. (Photographic copies of these particular plots are produced on microfiche and are available from the National Space Science Data Center, Code 601, NASA/GSFC, Greenbelt, MD 20771.)

Each legitimate event was given a number, referred to as the HXRBS event number, that uniquely identifies the burst. The event numbers generally follow a chronological sequence, as most events were identified within 24 hours of their occurrence. A few bursts, however, were only discovered several months later upon scanning through the complete data set provided on magnetic tape by

the Information Processing Division (IPD) at GSFC. These IPD flares are flagged in the listing with the letter "I," and their event numbers are generally out of chronological sequence.

The event number, the start time, the peak time and the duration are given for every event in the listing. These times are generally accurate to approximately 5 s. The peak counting rate summed over all 15 channels is also listed. This rate was obtained from a rate versus time plot with a time resolution of 1.024 s. It is the total rate including the pre-flare background rate of about 40 counts s<sup>-1</sup> as indicated in Figure 1. For the larger flares, i.e. those with peak rates exceeding 100 counts s<sup>-1</sup> and/or durations of greater than 200 s, the total number of counts recorded during the flare in excess of the pre-flare background is also listed. This gives an indication of the overall size of the burst.

A comprehensive listing of all events detected with HXRBS from launch to December 1987 is provided in "The Hard X-ray Burst Spectrometer Event Listing 1980 - 1987" [B.R. Dennis et al., NASA Technical Memorandum 4036], and a complete event listing covering the entire mission will be published as a NASA Technical Memorandum in Fall 1991.

#### Description of HXRBS entries:

- Start time expressed as hour:minute:second.
   Peak time expressed as hour:minute:second.
   End time expressed as hour:minute:second.
- 2. Peak...c/s peak rate in counts per second. This is the total rate in the full energy range covered by the instrument (channels 1-15) and does not have the pre-flare background rate subtracted (see Figure 1).
- 3. Qual Quality code as defined below:
  - 1- Entire event observed
  - 2 Start of event not observed
  - 3 End of event not observed
  - 4 Start and end of event not observed
  - 11 Entire event observed, but data missing due to night, SAA or other causes.
  - 12 Start of event not observed and data missing during event
  - 13 End of event not observed and data missing during event
  - 14 Start and end of event not observed and data missing during event
- 4. Tot Cts Total Counts, represents the integrated number of counts detected with HXRBS during the flare in excess of the pre-flare rate (see Figure 1).
- 5. MaxkeV the high energy edge in keV of the highest channel showing any increase in rate during the flare.

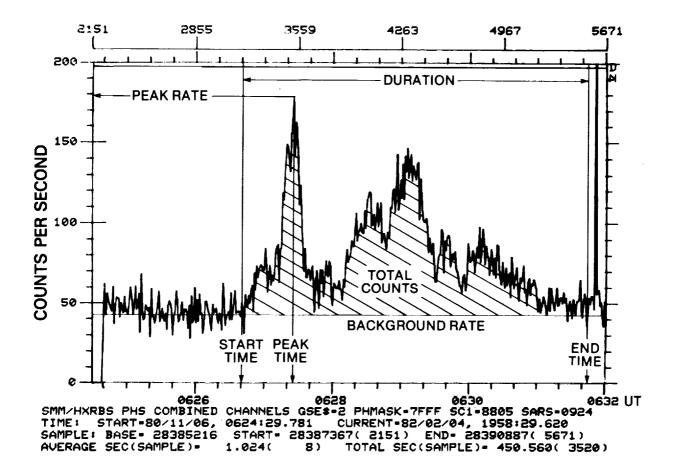
- 8. FLAGS the definitions of the letters in this column are as follows:
  - M Memory data available with 10 ms time resolution.
  - M1 Memory data available with 1 ms time resolution.
  - M5 Memory data available with 5 ms time resolution.
  - I Event discovered well after the event time, in data provided by the Information Processing Division.
  - SN Event started in spacecraft night.
  - EN Event ended in spacecraft night.
  - IN Event interrupted by spacecraft night.
  - SA Event started when SMM was in the South Atlantic Anomaly (SAA).
  - ES Event ended when SMM was in the SAA.
  - IS Event interrupted by the SAA.
  - SG Event started in a data gap.
  - EG Event ended in a data gap.
  - DG Data gaps during event.
  - AX Event is probably the result of passage through trapped charged particles.
  - ND Noisy data.
  - NS Possible non-solar event.
  - FS Event contains one or more fast spikes with durations of less than one second.
  - EW Experiment status file contains wrong on-time information.
  - GB Event is a Gamma-Ray Burst.
  - + Insufficient space to print all existing flags.

NOTE: The presence of an asterisk following the HXRBS header line indicates the following conditions for the following events:

EVENT #	COMMENT			
8732	Gain change.	Energy range	20.6 to	317 keV.
8821-8830	Gain change.	Energy range	20.7 to	319 keV.
8832-8910	Gain change.	Energy range	20.7 to	319 keV.
8923	Gain change.	Energy range	20.7 to	319 keV.
8925-8926	Gain change.	Energy range	20.7 to	319 keV.
8999-9001	Gain change.	Energy range	20.8 to	320 keV.
9005-9006	Gain change.	Energy range	20.8 to	320 keV.
9008-9009	Gain change.	Energy range	20.8 to	320 keV.
9011-9013	Gain change.	Energy range	20.8 to	320 keV.
9016-9018	Gain change.	Energy range	20.8 to	320 keV.
9021-9024	Gain change.	Energy range	20.8 to	320 keV.
9247	Gain change.	Energy range	20.8 to	320 keV.

9260	Gain change.	Energy range	20.9 to 321 keV.
9272-9273	Gain change.	Energy range	20.9 to 321 keV.
9280-9282	Gain change.	Energy range	20.9 to 321 keV.
9294-9297	Gain change.	Energy range	20.9 to 321 keV.
9308	Gain change.	Energy range	20.9 to 321 keV.
9321	Gain change.	Energy range	20.9 to 321 keV.
9317-9352	Time on flare	optical disk is	high by 1.024s.
9341-9342	Gain change.	Energy range	20.9 to 321 keV.
9344	Gain change.	Energy range	20.9 to 321 keV.
9348-9349	Gain change.	Energy range	20.9 to 321 keV.
9357-9358	Time on flare	optical disk is	high by 1.024s.
9358	Gain change.	Energy range	20.9 to 322 keV.
9360	Time on flare	optical disk is	high by 1.024s.

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#1544) showing the rate of counts in channels 1 through 15 versus Universal Time. The time resolution is 1.024 s, the time scale is 1 inch per minute, and the counting rate is corrected for instrument dead time. The start time, peak time, end time, duration, peak rate, and total number of counts are indicated as they are determined for inclusion in the event listing.

## X-Ray Polychromator (XRP)

The primary objective of the X-Ray Polychromator [Acton et al., Solar Physics 1980, 65, 53] was to study the physical conditions in the corona for a variety of solar phenomena. This was achieved through the use of two complementary instruments: the Bent Crystal Spectrometer (BCS), which continuously monitored the spatially integrated high temperature flux from flares, and the Flat Crystal Spectrometer (FCS), which could image an area of up to 7 arcminutes square in six bright spectral lines simultaneously, or make rapid scans over a wide wavelength range or at high resolution across individual line complexes. XRP gathered data during the peak of solar cycle 21 (February to November 1980), during its decline (following the in-orbit repair of SMM in April 1984), and through the rise phase of cycle 22, until November 1989, when spacecraft fine-pointing was lost prior to reentry.

The XRP experiment was conceived to observe the spectral region between 1.4 and 22.4 Å. In the temperature regime of solar active regions and flares (2 - 50 million K), this region exhibits a rich emission-line spectrum. The experiment was especially prepared to take advantage of the plasma diagnostic opportunity offered by the spectra of helium-like ions and their satellites [Gabriel and Jordan, in McDaniel and McDowell (eds.), Case Studies in Atomic Collisions 1972, (Amsterdam:North-Holland), 2, 209]; [Dubau and Volonte, Rep. Prog. Phys. 1980, 43, 199].

The BCS had eight bent Bragg crystal spectrometers with position-sensitive detectors covering important X-ray lines of highly-ionized calcium and iron. It was collimated to 6 arcminutes FWHM and was capable of changing its time resolution from 11 s to less than 0.5 s by using dynamic memory and sacrificing spectral coverage or resolution. The BCS was sensitive to the high-temperature (T > 10 million K) component of the flare plasma; the data are used to determine electron temperature, emission measure, dynamics, and elemental abundances of the plasma, and to look for nonequilibrium effects. For large events, the measured BCS count rates must be corrected for a dead time of about 40 microseconds, part of which depends on the position of photons along the anode. At sufficiently high count rates, (e.g., from GOES mid-X class flares), spectral distortion resulted. At lower rates, there was a simple suppression of the count rate. The suppression was a 10% effect at about 2550 counts s<sup>-1</sup> (corresponding to about a GOES class M4 flare). The maximum observable count rate in BCS Channel 1 was 8760 counts s<sup>-1</sup>, corresponding to an incident rate of 23800 counts  $s^{-1}$ .

The FCS had seven Bragg crystal spectrometers that could be scanned in wavelength over a broad spectral range. At the "home position" of the wavelength drive, each of seven channels could monitor the emission from a prominent soft X-ray line. An additional channel produced a coarse-resolution solar white light image which could be used for coregistration. The FCS was

sensitive to a wide range of temperature (2 million K < T < 70 million K) and hence could detect everything from quiescent active regions to flares. By scanning its wavelength drive, the FCS could access an even wider range of soft X-ray lines and measure Doppler broadenings and shifts. However, electrical and mechanical problems with the FCS wavelength drive limited its ability to take spectra. (In 1980 only four FCS experiments involving wavelength scans were run; about 400 were run throughout the mission.) The FCS isolated specific areas in the corona for study by using its narrow 14 arcsecond collimation. Images could be built up by a series of raster scans across the region of interest, with alternate lines in opposite directions.

Over the life of the mission, several of the BCS and FCS detectors became BCS detectors 2 and 8 (high resolution Fe K-alpha and FE XXVI Lyman-alpha) failed during 1980; BCS detectors 1, 3, 4, 5, 6, and 7 operated throughtout the mission, with slow gain changes over time requiring occasional gain step adjustments. FCS detector 6, with its CA XIX resonance peak offset from home position, failed in 1980; FCS detector 2 (Ne IX at home position) failed in February 1985. After June 1987, FCS detectors 1, 3, and 4 (O VIII, Mg XI, and Si XIII at home position), the remaining low-energy detectors, were used only in campaign mode, to conserve the remaining gas supply for these thin-window flow counters as far as possible into cycle 22. August 1988, the FCS wavelength drive had lost scanning capability, although it could still be repositioned to the peaks of bright emission lines for imaging. April 1989, the flow-detector gas supply for detectors 1 and 3 was exhausted, and the FCS became a flare imaging instrument only. The detector histories and observing sequences, including the default and special observing modes, are detailed in the XRP Users' Guide and its accompanying appendices. catalogue of the FCS spectroscopic experiments run is also available.

The XRP Event Listing catalogues soft X-ray flares detected by the BCS instrument. For each event, the Start Time, Peak Time, and End Time in BCS Channel 1 (the Ca XIX channel) are given. The Start Time occurred when the BCS Ca XIX count rate rose above the background level up to 18 counts s<sup>-1</sup> and the End Time occurred when the event decayed back to that threshold. (Near threshold or for multiple events, these times are necessarily somewhat arbitrary, and depend on the exact integration time used.) However, some event times were determined by orbital sunrise or sunset, where the flare started before satellite day or was prematurely ended by satellite night. If an event reached its peak during orbital night, or during SAA passage when the XRP detectors did not operate, the maximum level observed during satellite day and the time of that maximum are listed. The peak rate includes all counts recorded in the channel, uncorrected for background or dead time. The peak times and peak rates in the low-resolution Fe XXV channel (BCS Channel 4) are also given,

even if these are not above background level. (A valid Ca XIX event may not have a corresponding valid event in the hotter Fe XXV channel.)

The FCS entries in the XRP Event Listing should be used with care. An event observed by the BCS was not necessarily observed by the FCS, even if the FCS was operating. The FCS could have been pointed away from the flare site at the time of the event, in a "sit and stare" mode (in which the raster drive was at rest), or in a spatial raster which did not include the flare site or did not sample the flare site at the time of the flare. The quoted FCS peak time is often the starting time of the most recent FCS raster map; this is given only if the raster duration included a BCS peak time, but no check was made on whether the flare site was included in the raster. If the FCS was in a "sit and stare" mode, the location was typically either the brightest pixel of a previous FCS raster map, or the FCS boresight, neither of which was necessarily the flare site. Thus, the quoted peak intensity may not be associated with the flare itself; it could simply be the maximum intensity in a raster map, a peak in "sit and stare" lightcurve data taken at a location possibly other than the flare site, or a peak in spectral data associated with scanning a bright emission line.

NOTE: The count rates and times in the XRP Event Listing should not be used directly for analysis, but rather as a guide for selecting data for a given study. Any analysis program should refer to the original data. Particular care should be used in dealing with Event Listing entries with rates near the 18 counts s<sup>-1</sup> threshold. Furthermore, derivation of physical parameters from BCS spectra for events with less than about 50 counts s<sup>-1</sup> may be difficult.

#### Description of XRP-BCS Entries:

- 1. Start Time in BCS Ca XIX channel, expressed as hour:minute:second.
- 2. Peak Time in BCS Ca XIX channel, expressed as hour:minute:second.
- 3. End Time in BCS Ca XIX channel, expressed as hour:minute:second.
- 4. Ca Peak..c/s peak BCS Ca XIX channel count rate in counts s<sup>-1</sup>.
- 5. QUAL quality code from 1 to 8, indicating completeness of the observation:
  - 1 entire event observed
  - 2 only start of event observed
  - 3 start and peak of event observed
  - 4 peak and decay of event observed
  - 5 only decay of event observed
  - 6 no data, or bad data
  - 7 only rise and decay observed (e.g., peak lost due to SAA)
  - 8 only peak observed (including 20% rise and 20% decay)
- 6. FePeak time of maximum count rate in Channel 4 (Fe XXV low resolution channel), not necessarily above the background level.

- 7. Fe Peak..c/s peak BCS channel 4 (Fe XXV) count rate in counts s<sup>-1</sup>, not necessarily above the background level.
- 8. # peaks number of peaks in Ca XIX observed, where intensities changed by at least 20%.
- 9. dt BCS accumulation time in seconds.
- 10. XEN XRP event number.

## Description of XRP-FCS Entries:

- 1. Peak Time expressed as hour:minute. Note caveats above on relating this time to BCS event.
- Peak3 FCS Detector #3 (Mg XI channel) peak intensity in counts s<sup>-1</sup>. Note caveats above on relating this intensity to the BCS event.
- 3. Rast raster size in arcseconds. Note: Rast=0"x0" denotes a "sit and stare" mode with the raster drive at rest.
- 4. Step raster step size in arcseconds (also the image pixel size). Possible step sizes were 5", 10", 15", or 20". Note: Step=0" implies a "sit and stare" mode.
- 5. Cad (cadence) duration of the FCS mode, e.g., the time to complete one raster (in seconds if < 10000 sec, in minutes if > 10000 sec); this is also the repeat time for a series of like rasters.
- 6. s/pixel dwell time in seconds at each pixel in the raster.

Additional data information is available in the "XRP Master Event File" stored in the SMM Data Analysis Center's VAX computer. Contact the XRP Principal Investigator for access to this file.

#### Ultraviolet Spectrometer and Polarimeter (UVSP)

The Ultraviolet Spectrometer and Polarimeter [Woodgate et al., Solar Physics 1980, 65, 73] on SMM consisted of a Gregorian telescope, a polarimeter consisting of two retarders and a linear polarizer, an Ebert-Fastie spectrograph, and five photomultiplier detectors (four used in second order, 1170 - 1780A and one in first order, 1780 - 3600A). The telescope secondary was rasterable in 1" or greater increment steps over a field of view of 256" x 256", and a novel slit wheel offered a choice of 22 sets of entrance apertures and four or five corresponding exit slits. UVSP was thus able to sample several spectral lines simultaneously (or nearly so), or, by use of beamsplitting prisms behind the exit slits, to obtain Doppler velocity information in one or two spectral lines. wavelength drive allowed stepping of the spectrograph grating in increments of approximately 5 mA (in second order). Detector gating could be as short as 32 ms. In normal operations, all of the mechanisms were controlled by a 4096word (16-bit) computer, which allowed the definition of a broad variety of experiment sequences. A Coalignment Adjustment System (CAS) allowed offsetting the entire UVSP for better alignment with other instruments of independent pointing.

#### Description of UVSP entries:

Unlike the entries of the higher energy instruments, the UVSP event list entries describe whatever the instrument was doing during the time of the flare, regardless of whether or not the flare was observed by UVSP. The data in each entry consist of:

- 1. Start time Experiment start time (UT) expressed in hour:minute.
- 2. Wavelength in A, good to the nearest 4A (second order). If the experiment involved moving the wavelength drive, this is the initial (shortest) wavelength of the sequence.
- 3. Code Time code indicating the following:
  - 0 experiment includes the time of peak GOES emission
  - 1 experiment includes ten minutes before the GOES peak
  - 2 experiment includes ten minutes after the GOES peak
- 4. Exp # UVSP experiment number. Each UVSP experiment is identified by a unique number, that in turn identifies the disk or tape file containing the data: data from experiment nnnn will be found in playback (final data) file Vnnnn.PB (.FD).
- 5. Rast total size of the raster pattern, or, for a single pixel experiment, the aperture size, in arcseconds. The first dimension is North South (spacecraft Y-axis, UVSP x-axis), the second, East West (spacecraft Z-axis, UVSP y-axis).

- 6. Step secondary mirror step size, in arcseconds; zero for experiments in which the secondary mirror was not rastered ("sit and stare" experiments).
- 7. Pitch, Yaw Raster center coordinates relative to disk center; these will differ from spacecraft pointing only when CAS motions have offset UVSP relative to the spacecraft boresight.

## Coronagraph/Polarimeter (C/P)

The High Altitude Observatory Coronagraph/Polarimeter [R.M. MacQueen et al., Solar Physics 1980, 65, 91] was an externally occulted, white-light coronagraph which recorded the solar coronal radiance from Thomson-scattered electrons (through a broad-band filter, 500-535 nm wavelength) and the presence of hydrogen alpha emission from cool ejecta at the solar limb (through a 654.3-658.3 nm filter). Images were recorded in total intensity and in three different planes of linear polarization. Images were obtained in a time cadence as rapid as once per several minutes or as infrequently as several times per orbit.

The list of coronal mass ejections stems from a visual examination of all video images obtained by C/P and analyzed by direct video display. Consecutive images were "toggled" and changes in the corona were readily apparent to the viewer in most cases. In the more obscure cases, images were digitally subtracted pixel-by-pixel from an earlier base image, thereby enhancing faint or subtle changes that occurred during the time between the images. A complete listing of SMM mass ejections is provided in "A Catalogue of Mass Ejections Observed by the Solar Maximum Mission Coronagraph" [O.C. St. Cyr and J.T. Burkepile, NCAR Technical Note 352 1990]. A "revised and expanded" edition of this catalog will be published by December 1991.

Any user of the information on the C/P list should be aware that it is derived from two-dimensional images and thus represents a "projection" onto a plane normal to the sun-earth line. In particular, measured position angles can be directly converted to solar latitudes only for structures near the solar limb. Measured speeds are similarly components projected on a plane.

#### Description of C/P entries:

- 1. Start time expressed in hour:minute. The 'start' time is the time of the earliest coronagraph image on which the primary structure identified as the mass ejection (for example, a bright loop) is visible within the coronagraph field of view.
- 2. PA the location of the event center described in position angle, measured in the conventional sense (from solar north to east). The center is calculated as the mid-point between the position angles of the bright edges of the mass ejection "primary structure" at its greatest extent.
- 3. Extrapolated Start Time An extrapolated start time can be determined for those mass ejections with speed measurements. A linear least-squares fit of the event's data points on a time versus height plot yields the speed directly. The intersection of the line with altitude one

- $R_{sun}$  (i.e. the solar limb) produces an extrapolated departure time. The extrapolated start time thus represents an estimate of the time of the initiation of the mass ejection, assuming an initial altitude of one  $R_{sun}$  and assuming a constant velocity.
- R and assuming a constant velocity.

  4. Comments some entries also include comments on the visual appearance of the event. More comprehensive descriptions of each event are available from HAO.

#### Ground-Based, Radio, and GOES X-Ray Data

Most of the ground-based and all radio and GOES X-ray data were supplied by the NOAA/USAF network observatories and geosynchronous sensors. When no ground-based data on a particular event was available from the network, the Solar and Geophysical Data Prompt and Comprehensive Reports issued by the World Data Center-A were consulted.

GOES data entries were extracted from the Space Environment Services Center (SESC) "Edited Events" and "Solar Events" listings. On the occasion that neither of these lists were available for correlation with HXRBS and XRP events, the GOES times were visually extrapolated from the GOES 3-second average plots.

Optical flare correlations were based primarily on time coincidence with instrument-detected events. Locations given indicate flare site, not SMM pointing. SMM pointing information, when available, is supplied elsewhere in the entry. Multiple optical flare reports are listed when other regions produced flares in coincidence with the instrument-detected event. The first optical event listed is that which best corresponds to the SMM-detected event. There are also entries indicating multiple bursts detected by the SMM instruments for single optical and soft X-ray flares.

The following descriptions and definitions should aid in deciphering the ground based data. For more comprehensive definitions consult the pamphlet "Descriptive Text - Contents of Preliminary Report and Forecast of Solar-Geophysical Data Activity", available from the Space Environment Services Center (SESC) at the address below:

NOAA/SEL R/E/SE2 325 Broadway Boulder, CO 80303-2238

#### Description of optical entries:

- 1. Ha Classification Indicates size and brightness of flare in the form XY where X is one of the following area codes:
  - S Subflare (area < 2.0 sq. degrees)
  - 1 Importance 1 (2.1 \( \) area \( \) 5.1 sq. degrees)
  - 2 Importance 2 (5.2 \( \) area \( \) 12.4 sq. degrees)
  - 3 Importance 3 (12.5  $\leq$  area  $\leq$  24.7 sq. degrees)
  - 4 Importance 4 (area 2 24.8 sq. degrees)
  - and Y is one of the following brightness codes:
    - F faint
    - N normal
    - B brilliant

For non-flare reports, the following codes are used to describe the event:

BSL - Bright surge on limb

LPS - Loop prominence system

ASR - Active surge region

SPY - Spray

EPL - Eruptive prominence on limb

APR - Active prominence on limb

- 2. Location Location of the flare in heliographic coordinates.
- 3. Region # (AR) SESC-assigned active region number.
- 4. MacIntosh sunspot classification (Mac.) Three letter descriptive code (Zpc) indicating white light configuration of sunspot group:
  - Z Modified Zurich class A through H
  - p Describes penumbra of largest spot in group:

x = no penumbra

r = rudimentary

s = symmetric

a = small asymmetric

h = large symmetric

k = large asymmetric

c - Sunspot distribution:

x = single spot

o = open

i = intermediate

c = compact

- 5. Heliocentric angle (H.Ang.) Value in degrees of the angular displacement between the optical flare location and the actual Sun center point.
- 6. Carrington Longitude (Carr.Lon.) Carrington Longitude in degrees of the optical flare location.

Description of discrete frequency radio burst entries:

Flux unit peak value above pre-burst background at frequencies of 245, 415, 606, 1415, 2695, 4995, 8800, and 15400 MHz.
 1 flux unit = 10<sup>-22</sup> Wm<sup>-2</sup>Hz<sup>-1</sup>

Description of sweep frequency radio event entries:

Type and intensity of dynamic radio events in the 25-75 MHz range.
 Type codes are:

Type I - Long lived dekametric continuum burst

Type II - Slow drift burst

Type III - Fast drift burst

Type IV - Broadband smooth continuum burst

Type V - Brief continuum burst associated with Type III

#### Intensity codes are:

- 1 minor
- 2 significant
- 3 major

## Description of GOES entries:

- Start time expressed in hour:minute. Start time of X-ray burst (based on one minute averages of 3 second data).
- Peak time expressed in hour:minute.
- End time expressed in hour:minute. Time when flux level decays to point halfway between maximum level and pre-flare background.
- Importance Classification of burst according to peak energy in Wm<sup>-2</sup>, 1-8A band. Form of code is Zn where Z is:
  - $A < 10^{-7}$

  - B >  $10^{-7}$ , <  $10^{-6}$ C >  $10^{-6}$ , <  $10^{-5}$ M >  $10^{-5}$ , <  $10^{-4}$ X >  $10^{-4}$

and n is a numerical multiplier from 1 to 9. Thus, a C3 burst indicates a peak flux of 3 x 10<sup>-6</sup> Wm<sup>-2</sup>.

- Quality Code (Qual) the code indicates where the GOES X-ray bursts occur in relation to SMM day/night transitions and passages through the South Atlantic Anomaly:
  - 0 No correlation of event with GOES data
  - 1 Entire event observed
  - 2 Only start of event observed
  - 3 Start and peak of event observed
  - 4 Peak and decay of event observed
  - 5 Only decay of event observed
  - 6 No GOES data available during event

1988 SOLAR MAXIMUM MISSION EVENT LISTING

					88/01/01	1 D0Y=1				
Event # 88/01/0	vent # = 21441 8/01/01,06:05	D0Y=1		SMM Pointing:	S33W01	ı	Pitch=+489", Yaw	, Yaw=-15", Roll=Odeg	=0deg	H.Ang=30deg
Optical	Start	Peak	End times		S35E06	AR4912	Mac.=EHI	Carr.Lon.=249deg	=249deg	H.Ang=32deg
GOES BCS	05:45 06:01	06:05 06:02	06:31 06:06	Importance=B8 CaPeak.c/s=23	Qual=02 Qual= 4	FePeak=06:04	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=800100
UVSP	06:04			Wavelength=1375A	Code=00	Exp #=60665	Rast=U"XU" Rast≃10"X10"	Step=0"	cad=1.02s Pitch=+513"	1.024s/p1xel ",Yaw=+63"
Event # 88/01/0	t # = 21442 1/01,09:19	DOY=1	9	SMM Pointing:	S33W03		Pitch=+489", Yaw=-38", Roll=Odeg	/=-38", Roll	=0deg	H.Ang=30deg
GOES BCS	31a/1 09:02 09:12	09:19 09:13	09:43 09:14	Importance=C1 CaPeak.c/s=27	Qual= 1	FePeak=09:13	FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=800101
	60:60			₩avelength=2788A Code=01	Code=01	Exp #=60668	Rast=180"x1"	Step=0"	Pitch=+368	1.0245/pixel ", Yaw=-116"
Event # 88/01/0	Event # = 21443 88/01/01,10:55	D0Y=1		SMM Pointing:	S33W04		Pitch=+489", Yaw	, Yaw=-52", Roll=Odeg	=0deg	H.Ang=30deg
GOES	3tart 09:45 10:25	10:55 10:42	15:25 10:49	Importance=C2 CaPeak.c/s=33	Qual=02 Qual= 8	FePeak=10:27	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=800102
UVSP UVSP	:43			Wavelength=278	Code=01			Step=0"	cad=1.02s Pitch=+368"	1.0245/p1xel ", Yaw=-128"
	11:26	11:27	12:22	Peak.c/s=24	Qual= 4	FePeak=11:27	FePeak.c/s=7	#Peaks=1	dt= 7.7s X	XEN=800103
UVSP	11:20			Wavelength=2788A		Exp #=60671	Rast=180"x1"	Step=0"	cad=1.02s Pitch=+368	1.024s/p1xe1 ", Yaw=-132"
					88/01/02	2 D0Y=2				
Event # 88/01/0	Event # = 8679 88/01/02,21:45	D0Y=2	Cnd +imos	SMM Pointing:	S33W22		Pitch=+489",Yaw	, Yaw=-301", Rol	,Roll=Odeg	H.Ang=36deg
Optical		71.4E				AR4912	Mac.=EHO	Carr.Lon.=251deg	=251deg	H.Ang=35deg
HXRBS BCS	21:56:44 21:57	21:56:51 21:58	22:54:11 22:43	Importance-Ai Peakc/s=184 CaPeak.c/s=3910	Qual=04 Qual= 4	Tot Cts=2.89E+5 FePeak=21:57	MaxkeV=159 FePeak.c/s=947	Flags=Ml, #Peaks=1	SN, EN dt= 3.8s	XEN=800201
UVSP Over	21:52	Tyne/I	otone ity.	Wayelength=2788A Code=02	Code=02	Exp #=60731	Rast=180"x1"			1.0645/pixel ", Yaw=-127"
	Frequence	_€	lux(sfu):	245/120 410/130	506/87 26	5/110 4995/71	8800/61 15400/66	1	1	
SSS	••	21:18	21:20		Associated Qual= 4	FePeak=21:17	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=800200
٠,	21:15		1	Wavelength=2788A	betwinos:			Step=0"	Pitch=+368"	", Yaw=-122"
) 	23:32	23:33	00:20	Peak.c/s=522	Qual= 4	FePeak=23:33	FePeak.c/s=35	#Peaks=1	3.88	
UVSP	23:25			Wavelength=2788A		Exp #=60733	Rast=180"x1"	Step=0"	7-	", Yaw=-138"

Event # = 2148   Even					88/01/03	3 D0Y=3				
DOY=3	Event # = 2144 88/01/03,01:09	ω .		SMM	S33W24		Pitch=+489", Yaw=-333	3", Roll=0de	Ε.	H.Ang=37deg
DOV=3    Mavelength=2788A   Exp #=60735   Rast=180"x"   Step=0" Cad= 800s		Реак 01:09	end times 02:03	_	Qua]=00 Qua]= 4	FePeak=01:23			7.75	XEN=800300
DOY=3 Peak         SMM Pointing:         S33W25         Pitch=+490", Yaw=-344", Roll=Odeg           Peak         C2:52         03:37         CaPeak.c/s=67         Qual=00         Exp #=60738         FePeak=02:59         FePeaks=1 dt= 7.7s           DOY=3         Havelength=1375A         Exp #=60738         Fast=10"x0"         Step=0" Cad=1.02s           DOY=3         SMM Pointing:         S33W26         Pitch=+490", Yaw=-355", Roll=Odeg           DOY=3         End times         CaPeak.c/s=66         Qual=01         Tot Cts=1670         MaxkeW=70", Yaw=-355", Roll=Odeg           DOY=3         SMM Pointing:         S33W26         Pitch=+490", Yaw=-355", Roll=Odeg         Pitch=+490", Yaw=-355", Roll=Odeg           DOY=3         End times         CaPeak.c/s=66         Qual=01         Tot Cts=1670         MaxkeW=70", Yaw=-355", Roll=Odeg           Peak         End times         SMM Pointing:         S33W26         Pitch=+490", Yaw=-365", Roll=Odeg           Peak         End times         SMM Pointing:         NO6W15         Rxp #=60745         Rxst=10"x0"           Peak         End times         Baxel=00         Way=100         Step=0"         Pitch=+564           Peak         C6=80         Qual=01         Exp #=60745         Rxst=10"x0"         Pitch=+413           Pitc				Wavelength=2788A		Exp #=60735			860s ∩=+368"	860.4s/pixel ,Yaw=-149"
02:52 03:37 CaPeak.c/s=67 Qual=10 FePeak-02:59 FePeak.c/s=16 #Peaks=1 dt= 7.7s Rast=10"x10" Step=0" Cad=1.02s Step=0" Pitch=+489 D0Y=3 End times SMM Pointing: S33W26 Peak C/s=16 Peak.c/s=1490", Yaw=-355", Roll=0deg Peak C/s=27 Qual=0 Tot Cts=1670 Maxkev=70	Event # = 2144 88/01/03,02:52		יסשיר ליים	SMM	S33W25		Pitch=+490", Yaw=-34	t", Roll=0de		H.Ang=38deg
DOV=3 End times SMM Pointing: S33W26 Pitch=+490", Vaw=-355", Roll=Odeg Peak [0.42] Pitch=+490 [0.42] P		02:52	03:37	CaPe	Qual=00 Qual= 1	FePeak=02:59			7.7s	XEN=800301
DOY=3 Peak         SMM Pointing:         S33W26         Pitch=+490", Yaw=-355", Roll=Odeg           Peak         Peak         Qual=00         Tot Cts=1670         MaxkeV=70         Flags=1         Ta= 7.7s           04:15:00 04:26:34         Peak         Cspeak         Cspeak <td></td> <td></td> <td></td> <td>Wavelength=1375A</td> <td></td> <td>Exp #=60738</td> <td></td> <td></td> <td>1.02s h=+489"</td> <td>1.024s/pixel ,Yaw=-380"</td>				Wavelength=1375A		Exp #=60738			1.02s h=+489"	1.024s/pixel ,Yaw=-380"
04:11:20 04:26:34 PeakC/s=66 Qual=01 Tot Cts=1670 MaxkeV=70 Flags=1 At=7.75 Qual=01 Tot Cts=1670 DOY=3 Mavelength=1375A Exp #=60745 Rast=265"x265" Step=6" Cad=1.02s Rast=265"x265" Step=6" Cad=1.02s Rast=265"x265" Step=6" Pitch=+490" Pitch=+450" Pitch=+560" Pitch=+560	Event # = 8727 88/01/03,04:15 Start		Fnd times	SMM	S33W26		Pitch=+490", Yaw=-35	5", Roll=0de	<b>.</b>	H.Ang=38deg
DOY=3  Mavelength=1375A  Exp #=60745  Rast=265"x265" Step=5" Cad=1.025  Rast=265"x265" Step=5" Cad=1.025  Peak  Oual=00  O6:09  O6:09  O6:045  CaPeak.c/s=27  Qual=00  O6:09  O6:09  O6:045  CaPeak.c/s=27  Qual=01  Oual=00  Exp #=60745  Rast=0"x0" Step=0" Cad=1.025  Rast=10"x10" Step=0" Pitch=+564  Peak  Cad=1.025  Rast=10"x10" Step=0" Cad=1.025  Rast=10"x10" Step=0" Cad=1.025  Rast=10"x10" Step=0" Cad=1.025  Rast=10"x10" Step=0" Pitch=+564  Rast=10"x10" Step=0" Pitch=+564  Rast=10"x10" Step=0" Pitch=+494  Rast=10"x10" Step=0" Pitch=+494  Rast=10"x10" Step=0" Pitch=+413  Rast=10"x10" Step=0" Pi	GOES HXRBS 04:20:1 BCS 04:14		04:2 05:1		Qual=00 Qual=01 Qual= 4	Tot Cts=1670 FePeak=04:38			7.75	XEN=800302
DOY=3 End times  06:09 00:045 00:09				Wavelength=1375A		Exp #=60745	=		1.02s h=+497"	1.024s/p1xe: ,Yaw≖-343"
06:09 06:45 CaPeak.c/s=27 Qual=00 06:09 06:45 CaPeak.c/s=27 Qual=4 FePeak=06:08 FePeak.c/s=13 #Peaks=1  Mavelength=1375A Exp #=60754 Rast=10"x10" Step=0"  D0Y=3 End times	Event # = 2145 88/01/03,06:09 Start	DOY=	Fnd +	SMM Pointing	S33W26		Pitch=+490", Yaw=-36	5", Roll=0de	50	H.Ang=39deg
## ## ## ## ## ## ## ## ## ## ## ## ##	GOES 354 C BCS 06:08	06:09	06:45	_	Qual=00 Qual= 4	FePeak=06:08			7.7s	XEN=800303
# = 8680 03,23:20				Wavelength=1375A		Exp #=60754			1.02s h=+564"	1.024s/p1xel ,Yaw=-283"
23:15:41 23:16:03 23:16:21   Peakc/s=80   Qual=01   Tot Cts=479   MaxkeV=70   22:58	Event # = 8680 88/01/03,23:20	1	+ 700	SM	N06W15		Pitch=-156", Yaw=-24	7", Roll=0de	<b>.</b> .	H.Ang=17deg
Frequency(MHz)/Flux(sfu): 245/56  # = 8684  05,21:11 DOY=5  Start Peak End times  Qual=00  Qual=01 Tot Cts=190 MaxkeV=220	S0008	23:20 11 23:16:03 Type/	G	Importance=C2 Peakc/s=80 Wavelength=2788A V/2	Qual=01 Qual=01	Tot Cts=479 Exp #=60783	×1"		h=+413"	, Үам=-237"
# = 8684 (05,21:11 DOY=5 SMM Pointing: \$36W56 Pitch=+545", Yaw=-655", Roll=Odeg Start Peak End times Qual=00 Qual=00 MaxkeV=220		incy (MHz) / I		245/56						
# - 0004 (05,21:11 D0Y=5 SMM Pointing: S36W56 Pitch=+545",Yaw=-655",Roll=Odeg Start Peak End times Qual=00 Qual=00 21:11:24 21:11:28 21:11:46 Peakc/s=67 Qual=01 Tot Cts=190 MaxkeV=220					88/01/0					
Qual=00 21:11:24 21:11:28 21:11:46 Peakc/s=67 Qual=01 Tot Cts=190	Event # = 0004 88/01/05,21:11 Start		End times	SMR	S36W56		Pitch=+545",Yaw=-65	5",Roll=0de	<b>5</b> 0	H.Ang=61deg
		-+	8 21:11:46	Peak	Qual=00 Qual=01	Tot Cts=190	MaxkeV=220			

Bach					88/01/06	9=\000 9				
Peak   End times   En	Event # = 8685 88/01/06 20:16			Pointing	236W67		Pitch=+553".Yaw	w=-730".Rol	]=0dea	H.Ana=70dea
20:15	Start		time	5					F)	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Barrow   B	Optical				N29E48	AR4919	Mac.=BX0	Carr.Lon.	=133deg	H.Ang=56deg
DOY=6	20:02 20:18:3 20:00	20:19:1	9 20:19:34	. 88 84	Qual=01 Qual=01 Code=01		MaxkeV=220 Rast=180"x1"	Step=0"	Pitch=+433	", Yaw=-548"
DOY=8 DOY=8 DOY=9 DOY=9 DOY=9 Each times Avelength=2788A Code=01         S24E48 End times End times DOY=9 Each times End times End times DOY=9 Each times End times End times DOY=9 Each times End		make the property and the property of the prop			88/01/0					
Maxelength=2788A   AR4921   Mac=CRO   Carr.Lon.=117deg	Event # = 8686 88/01/08,02:05 Start	= ¥000 Pead								
Maxee   Maxe	Optical			HaClass=SF	S24E48	AR4921	Mac.=CRO	Carr.Lon.	=117deg	H.Ang≕50deg
S8/01/09	UVSP 01:50	02:02:1	9 02:03:22	nmpol cance-cz Peakc/s=65 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=982 Exp #=60930	×	Step=0"	Pitch=+451	", Yaw=-605"
DOY=9 Peak         SMM Pointing:         S26E38         Pitch=+378", yaw=+542", Roll=Odeg           Peak         Limportance=C7 Oual=02         Qual=01 Tot Cts=7515 Peak<.c/s=69 Qual=01 Tot Cts=7515 Peak<.c/s=69 Qual=01 Tot Cts=7515 Peak<.c/s=69 Qual=01 Tot Cts=7515 Peak<.c/s=70 Step=0"					88/01/0					
Preak   End times   HaClass=IN   S24E33   AR4921   MackeV=70   Carr.Lon.=119deg	Event # = 8687 88/01/09,02:28	=\00		Pointing	S26E38		Pitch=+378",Ya	w=+542", Rol	1=0deg	H.Ang=43deg
Markevariable   Markevariabl	Optical		Eria Limes		\$24E33	AR4921	Mac.=DSO	Carr.Lon.	=119deg	H.Ang=38deg
D2:18  Wavelength=2788A Code=01 Exp #=60977 Rast=180"x1" Step=0" Cade=1.02s	GOES 02:20 HXRBS 02:21:00 BCS 02:22	02:24 02:24 02:24	02:23:57 02:23:57 02:25		Qual=02 Qual=01 Qual= 1	Tot Cts=7515 FePeak=02:24	MaxkeV=70 FePeak.c/s=27	#Peaks=1	dt= 7.7s	XEN=800900
= 21451 9,03:12 Peak End times 326E38 Pitch=+378", Yaw=+542", Roll=Odeg 5tart Peak End times Avelength=2788A 15:34 15:34 15:35 16:00    Mavelength=2788A	22			Wavelength=2788A	Code=01	Exp #=60977	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+259	1.024s/plxe! ",Yaw=+467"
Qual=00 33:11 03:12 03:22 CaPeak.c/s=27 Qual=00 33:11 03:12 03:22 CaPeak.c/s=27 Qual=00 33:11 03:12 03:22 CaPeak.c/s=27 Qual=04 FePeak=03:13 Rast=243"x243" Step=3" Pitch=+387 Rast=180"x1" Step=0" Cad=1.02s Rast=0" Rast=180"x1" Step=0" Pitch=+254 Rast=180"x1" Step=	Event # = 2145 88/01/09,03:12		100	Pointing	S26E38		Pitch=+378", Ya	w=+542", Rol	1=0deg	H.Ang=43deg
Single   S	GOES Start BCS 03-11	ع ج	- :		Qua]=00	FeDeak=03·13	Febrak c/c=12		dt= 7.7c	XFN=800901
= 21452 Start Peak End times HaClass=1N S23E26 AR4921 Mac.=DS0 Carr.Lon.=118deg Start Peak End times HaClass=1N S23E26 AR4921 Mac.=DS0 Carr.Lon.=118deg 15:25 15:33 15:38 Importance=C7 Qual=05 CaPeak.c/s=18 #Peaks=1 dt=7.7s Rast=0"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=+254" Pitch=+254" Pitch=+254" Pitch=+254" Pitch=+254" Pitch=+254" Pitch=+254" Pitch=+254" Pitch=+20" Pitch=+0", Yaw=+6", Roll=0deg Start Peak Importance=C2 Qual=03 Qual=01 Tot Cts=173 MaxkeV=70 Pitch=-7", Pitc		11:00	50		-	Exp #=60978	Rast=115"x115" Rast=243"x243"		Cad=1083s Pitch=+387	2.048s/pixel ", Yaw=+545"
15:25 15:33 15:38	Event # = 2145.88/01/09,15:33	D0Y=		Pointing	S26E31		Pitch=+376", Yaw	w=+457", Rol	]=0deg	H.Ang=37deg
15:35   15:38   Importance=L/   Qual= 05   FePeak=15:35   FePeak.c/s=18   #Peaks=1   Ocad= 1.02s     15:34   15:35   16:00   CaPeak.c/s=138   Qual= 04   FePeak=15:35   Rast=0"x0"   Step=0"   Cad= 1.02s     15:29   Wavelength=2788A   Code=00   Exp #=61004   Rast=180"x1"   Step=0"   Cad= 1.02s     18:29   Rast=180"x1"   Step=0"   Cad= 1.02s     18:29   Rast=180"x1"   Step=0"   Cad= 1.02s     19:35:19   19:35   Land times   Land times   Land times     19:36:19   19:36:20:24   Importance=C2   Qual=01   Tot Cts=173   MaxkeV=70     19:36:19   19:36:21   19:37:29   Peakc/s=59   Qual=01   Tot Cts=173   MaxkeV=70     19:36:19   19:36:41   19:37:29   Peakc/s=59   Qual=01   Tot Cts=173   MaxkeV=70     19:30:10   19:30:10   Land times   Land times   Land times   Land times     19:30:10   19:36:41   19:37:29   Peakc/s=59   Qual=01   Tot Cts=173   MaxkeV=70     19:30:10   Land times   Land ti	Optical	redk	na cimes		\$23E26	AR4921	Mac.=DSO	Carr.Lon.	=118deg	H.Ang=32deg
#avelength=2788A Code=00 Exp #=61004 Rast=180"x1" Step=0 Cad=1.028  = 8688  1,19:56 D0Y=11	15:2	5:3	2:38 6:00		Qual=05 Qual= 4	FePeak=15:35	FePeak.c/s=18	#Peaks=1	dt= 7.7s	XEN=800902
# 88/01/11	5			Wavelength=2788A		Exp #=61004	Kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+254	1.U245/plxel ",Yaw=+378"
= 8088 1,19:56 DOY=11 SMM Pointing: S04W00 Pitch=+O",Yaw=+6",Roll=Odeg Start Peak End times HaClass=SF N25W87 AR4923 Mac.=BX0 Carr.Lon.=203deg 19:31 19:56 20:24 Importance=C2 Qual=03 Tot Cts=173 MaxkeV=70 Pitch=-7",Y	2000				88/01/1					
Jean Fran Lines HaClass=SF N25W87 AR4923 Mac.=BX0 Carr.Lon.=203deg 19:31 19:56 20:24 Importance=C2 Qual=03 19:36:19 19:36:41 19:37:29 Peakc/s=59 Qual=01 Tot Cts=173 MaxkeV=70 Pitch=-7",Y	Event # = 8688 88/01/11,19:56	90 Y		Pointing	S04W00		Pitch=+O",Yaw≕	+6",Roll=0d	jeg	H.Ang=Odeg
19:36:19 19:36:41 19:37:29 Peakc/s=59 Qual=01 Tot Cts=173 MaxkeV=70 Pitch=-7"	Optical	ים א נים ב	P E	HaClass=SF	N25W87	AR4923	Mac.=BX0	Carr.Lon.	=203deg	H.Ang=89deg
	19:36:1	19:36	19:37	Peakc/s=59	Qual=01		MaxkeV=70		Pitch=-7",	Yaw=+57"

				88/01/13	3 DOY=13				And the state of t
Event # = 8689 88/01/13,06:41			SMM Pointing:	N30W33		Pitch=-459", Yaw=+539"	/=+539", Roll	.Roll=90dea	H.Ana=46dea
Start Optical	Peak	шes	HA Classes	N21W58	484923	USU= JeW	one in althora	155000	H And-62dea
GOES 06:37 HXRBS 06:38:	06:41 40 06:40:0	51	Importance=C3 Peakc/s=84	Qual=01 Qual=01	Tot Cts=1573	MaxkeV=70	<u>.</u>	Sancar - Francis	ה היים היים היים היים היים היים היים הי
Radio Sweeps Radio Frequ	Sweeps Type/Intensit Frequency(MHz)/Flux(sfu		wavelengun=13/34 II/2 III/3 245/46		EXP #=01139	Kast=10"X10"	Step=U:	Pitcn=-5Ul",Yaw=+519"	', Yaw=+519"
Event # = 8690 88/01/13,16:10 Start	10 0 D0Y=13 Peak	Fnd + imps	SMM Pointing:	N30W38		Pitch=-539", Yaw	, Yaw=-518", Roll=Odeg	=0deg	H.Ang=50deg
Optical 60FS 15:59		26	HaClass=SF	N32W32	AR4919	Mac.=EAI	Carr.Lon.=123deg	123deg	H.Ang≈47deg
HXRBS 15:59: UVSP 16:11	16:02:	39 16:04:08	Peakc/s=62 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=994 Exp #=61155	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=-403", Yaw=-340"	', Yaw=-340"
Event # = 869 88/01/13,18:5		, +	SMM Pointing:	S19E87		Pitch=+317", Yaw=+922", Roll=0deg	/=+922", Roll	=0deg	H.Ang=85deg
GOES 18:57 HXRBS 18:57:31 UVSP 19:19	18:59 18:57:3	19:06 7 18:58:06	Importance=Cl Peakc/s=53 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=152 Exp #=61159	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+196",Yaw=+851	', Yaw=+851"
Event # = 869 88/01/13,19:1	1	out + ball	SMM Pointing:	S19E87		Pitch=+317", Yaw=+922", Roll=Odeg	/=+922", Roll:	=0deg	H.Ang=86deg
GOES 19:09 HXRBS 19:09:56 UVSP 19:19	19:15 i 19:10:3	19:26 2 19:11:1	Importance=C2 Peakc/s=60 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=442 Exp #=61159	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+196",Yaw=+851"	, Yaw=+851"
Event # = 869 88/01/13,23:3		יסבי+	SMM Pointing:	S19E87		Pitch=+317", Yaw=+922", Roll=Odeg	r=+922", Roll:	=0deg	H.Ang=86deg
GOES 23:31 HXRBS 23:35:11 UVSP 00:02	23:35 23:35:4	23:40 6 23:36:30	Importance=Cl Peakc/s=62 Wavelength=2788A	Qua]=01 Qua]=01	Tot Cts=455 Exp #=61165	MaxkeV=70 Rast=180"x1"	Step=0" F	Pitch=+196",Yaw=+851"	, Yaw=+851"
	V			88/01/1	4 D0Y=14				
Event # = 8694 88/01/14,07:44 Start Optical	4 DOY=14 Peak		HaClass=SF	N21W74	AR4923	Mac.=CSO	Carr.Lon.=157deg	157deg	H.Ang=77deg
HXRBS 07:41: UVSP 07:20 Dadio Sweens	07 07:42:2! Tvne/		Importance=to Peakc/s=224 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=8296 Exp #=61192	MaxkeV=159 Rast=243"x243"	Step=3" F	Pitch=+324", Yaw=+934	, Yaw=+934"
Radio Frequ	ency (MHz)/	Flux(sfu):		1415/10 2	610 410/260 1415/10 2695/10 4995/24	8800/19 15400/16			

09:14:30 09:19:10 09:23:02   Importance=C6   Havelength=2788A    1 = 8731	/14, St,		<b>##</b> :	- :	HaClass=IN	\$38E51	AR4925	Mac.=CSO	Carr.Lon.=31deg	=31deg	H.Ang=57deg
13:35   200=14     13:45   200=14     13:45   200=14     13:56.07   13:36:23   13:40:24     13:56.07   13:36:23   13:40:24     13:56.07   13:36:23   13:40:24     13:56.07   13:36:23   13:40:24     13:56.07   13:36:23   13:40:24     13:56.07   13:36:23   13:40:24     13:56.07   13:36:23   13:40:24     13:56.07   13:36:23   13:40:24     13:50.07   13:36:23     13:50.07   13:36:20     13:50.07   13:36:23     13:50.07   13:36:23     13:50.07   13:36:23     13:50.07   13:36:23     13:50.07   13:36:23     13:50.07   13:36:23     13:50.07   13:36:23     13:50.07   13:36:23     14:57   15:02     15:00   15:00   16:00     15:00   15:00   16:00     15:00   15:00   16:00     15:00   15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     14:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     14:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     14:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     14:00   16:00     14:00   16:00     14:00   16:00     14:00   16:00     14:00   16:00     14:00   16:00     14:00   16:00     14:00   16:00     14:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     15:00   16:00     16:00   16:00     16:00   16:00     16:00   16:00     16:00   16:00     16:00   16:00     16:00   16:00     16:00   16:00     16:00   16:00     16:00   16:00     16:00   16:	HXRBS 09: UVSP 09:	:30	:19:	09:23	Peakc/s=140 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=10253 Exp #=61193	MaxkeV=70 Rast=180"x1"	Flags=M1 Step=0"	Pitch=+324'	', Yaw=+938"
## Sign	Event # = 88/01/14,1 Stab	8731 3:42 Durt 1223 1:23 35:07 1:09 equency	0Y=14 eak 3:42 3:36:23 (MHz)/F	l 40	Importance=C6 Peakc/s=699 Wavelength=2788 4995/16 8800/30	Qual=01 Qual=01 15400/27	Tot Cts=16400 Exp #=61199	MaxkeV=159 Rast=180"x1"	Flags=I Step=0"	Pitch=+196'	', Yaw=+851"
14:57   15:02   15:04   Pack   Capeak   Capeak	Event # = 88/01/14,1 Sta	1	0Y=14 eak	times	SMM Pointing: HaClass=1B	S18E66 S37F48	AR4925	49	8, 8	1=0deg	H. Ang=66deg
14:43 Frequency (HHz)/Flux(sfu): Hyavelength=2788A Code=01 Exp #=61200 Rast=180"x1" Step=0" Pitch=+145 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/78 4800/150 15400/140 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/78 4800/150 15400/140 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/78 4995/74 8800/150 15400/140 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/78 4995/74 8800/150 15400/140 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/74 8800/150 15400/160 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/74 8800/150 15400/160 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/74 8800/15 Exp #=61219 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/74 8800/150 Exp #=61219 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/74 8800/150 Exp #=61224 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/74 8800/150 Exp #=61224 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/74 8800/150 Exp #=61224 Frequency (HHz)/Flux(sfu): 1415/34 2695/78 4995/74 13400/50 Frequency (HHz)/Flux(sfu): 1415/3400/50 Frequency (HHz)/Flux(sfu): 1415/3400/50 Frequency (HHz)/Flux(sfu): 1415/3400/50 Frequency (HHz)/Flux(sfu): 1415/3400/50 Frequency (HHz)/Flux(sfu): 1415/400/50	;	:16	5:02 5:00:18 5:01	15:20 15:04:03 15:07	Importance=M2 Peakc/s=2157 CaPeak.c/s=44	Qual=01 Qual=01 Qual= 1	Tot Cts=1.19E+5 FePeak=15:01	MaxkeV=253 FePeak.c/s=3		.7s	XEN=801400
## 21:55 DOY=14	_	43 equency	(MHz)/F	3	avelength=2788A 415/34 2695/78	Code=01 1995/74	Exp #=61200 800/150 15400/14	Rast=180"x1" 0	Step=0"	pitch=+145"	1.0245/pixel
13.46 21:55 22:10	Event # = 88/01/14,2	L	0Y=14	i	SMM Pointing	S37E41		Pitch=+539", Yaw	/=+508", Rol	1=0deg	H.Ang=49deg
21:49:12 21:51:32 21:56:33 Penkt.c/s=49 (ual=0.3 Tot Cts=3255 Rast=10"x10" Step=0" Pitch=+553 Rast=10"x10" Step=0" Pitch=+553 Rast=10"x10" Step=0" Pitch=+553 Rast=10"x10" Step=0" Pitch=+553 Start Peak End times HaClass=SF S40E47 R4925 Rast=10"x10" Step=0" Pitch=+553 Rast=10"x10" Step=0" Pitch=+553 Rast=10"x10" Step=0" Pitch=+553 Rast=0"x0" Step=0" Pitch=+557 Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Pitch=+557 Rast=0"x0" Step=0" Pitch=+547 Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Pitch=+547 Rast=0"x0" Step=0" Pitch=+5457 Rast=0"x0" Step=0" Pitch=+5457 Rast=0"x0" Step=0" Pitch=+5457 Rast=0.02s Rast=0"x0" Step=0" Pitch=+5457 Rast=0.02s Rast=0.02s Pitch=+5457 Rast=0.02s Rast=0.	Optical Optical		لا الا الا الا		HaClass=SF HaClass=SF	N33W48 S18E66	AR4919 AR4927	Mac.=EAO	Carr.Lon.	=123deg =9deg	H.Ang=59deg H.Ang=66deg
DOY=14 End times  HaClass=SF	GUES 21: HXRBS 21: UVSP 21:	12		21:56:33	Importance=B/ Peakc/s=49 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=3255 Exp #=61213	MaxkeV=220 Rast=10"x10"	Step=0"	Pitch≖+553"	', Yaw=+556"
23:29 23:41 00:02 Importance=C1 Qual=02 23:28:44 23:30:14 23:32 56 Peak.c/s=18 Qual=01 Tot Cts=1445 Maxkev=70 23:36 23:39 CaPeak.c/s=18 Qual=01 Tot Cts=1445 Maxkev=70 23:36 23:39 CaPeak.c/s=18 Qual=01 Tot Cts=1445 Maxkev=70 23:36 CaPeak.c/s=145 Maxkev=70 23:36 CaPeak.c/s=145 Maxkev=70 23:36 CaPeak.c/s=145 Maxkev=70 23:36 CaPeak.c/s=141 Qual=04 FePeak=00:14 FePeak.c/s=30 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s CaPeak.c/s=141 Qual=04 FePeak=00:14 Rast=265"x265" Step=5" Pitch=+545" Pitch=+545" Pitch=+545"	Event # = 88/01/14,2	1	0Y=14		SMM Pointing	S37E40		Pitch=+539", Yaw	/=+498", Rol	)=0deg	H.Ang=49deg
23:28:44 23:32:56 Peakc/s=76 Qual=01 Tot Cts=1445 MaxkeV=70 23:36 23:39 CaPeak.c/s=18 Qual= 4 FePeak=23:36 FePeak.c/s=12 #Peaks=1 dt= 7.75 23:36 23:39 CaPeak.c/s=18 Qual= 4 FePeak=23:36 FePeak.c/s=12 #Peaks=1 dt= 7.75 23:36 23:36	Optical GOES 23:		3:41	2	HaClass=SF Importance=Cl	S40E47 0ual=02	AR4925	Mac.=CSO	Carr.Lon.	=27deg	H.Ang=55deg
## SAPON   15   21453   SMM Pointing:   S37E40   Pitch=+539", Yaw=+498", Roll=Odeg   Start Peak	000	44	.36:1 36:1	23:32:56 23:39	Peakc/s=76 CaPeak.c/s=18 Wavelength=1375A	Qual=01 Qual= 4 Code=00	Tot Cts=1445 FePeak=23:36 Exp #=61223	MaxkeV=70 FePeak.c/s=12 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+567"	XEN=801401 1.024s/pixel ', Yaw=+551"
= 21453 5,00:14 DOY=15 Start Peak End times Start Peak End times HaClass=SF S39E44 AR4925 Mac.=ESI Carr.Lon.=30deg 00:07 00:14 00:29 Importance=C3 Qual=04 00:14 00:28 CaPeak.c/s=141 Qual= 5 FePeak=00:14 FePeak.c/s=30 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s 00:16 Wavelength=1375A Code=02 Exp #=61224 Rast=265"x265" Step=5" Pitch=+545" Frequency(MHz)/Flux(sfu): 4995/18 8800/44 15400/50						88/01/1					
Start Peak End CIMES  HaClass=SF S39E44 AR4925 Mac.=ESI Carr.Lon.=30deg  00:07 00:14 00:28 Importance=C3 Qual=04  00:14 00:28 CaPeak.c/s=141 Qual= 5 FePeak=00:14 FePeak.c/s=30 #Peaks=1 dt= 7.7s  Rast=0"x0" Step=0" Cad=1.02s  00:16 Wavelength=1375A Code=02 Exp #=61224 Rast=265"x265" Step=5" Pitch=+545"  Frequency(MHz)/Flux(sfu): 4995/18 8800/44 15400/50	Event # = 88/01/15,0	m_	₩.		į.	S37E40	I	Pitch=+539", Yaw	=+498", Rol	=0deg	H.Ang=49deg
00:14	optical GOES 00:		eak ):14	E 6	Class=SF oortance=C3	S39E44 Qua]=04	AR4925	Mac.=ESI	Carr.Lon.	=30deg	
	0 0	14 0( 16 equency (	0:14 (MHz)/F		eak.c/s=141 elength=1375A 5/18 8800/44 1	Qual= 5 Code=02 :5400/50	FePeak=00:14 Exp #=61224	FePeak.c/s=30 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=+545"	XEN=801500 1.024s/pixel ',Yaw=+505"

End times  End times	Event # = 8698 38/01/15,05:21			SMM Pointing:	S37E37		Pitch=+537", Yaw=+465", Roll=Odeg	465", Roll=0	deg	H.Ang=47deg
DOY=15  Bank Pointing: S37E36  Peak  CaPeakClass=SF  O7:09  O7:08  O7:08  D7:09  O7:08  D7:09  O7:09  D7:09  O7:09  O7:09  O7:09  O7:09  O7:09  D7:09  O7:09  O7	Start 50ES 05:15 4XRBS 05:18:4 JVSP 05:11	Peak 05:21 05:18	End times 05:25 05:19:39	Importance=86 Peakc/s=67 Wavelength=1375/	Qual=01 Qual=01 \ Code=00	Tot Cts=344 Exp #=61249	10"	Step=0" Pi	tch=+556"	Pitch=+556",Yaw=+505"
Type	vent # = 870( 38/01/15,07:10	D0Y=1	100 E. H. T. C. C.	Pointing	S37E36		Pitch=+536", Yaw=+455"	-455", Roll=0deg	deg	H.Ang=46deg
07:08:17 07:08    Mayelength=1375A Code=00   Exp #=61258   Rast=10"x10"     Type/Intensity:   11/1   245/87 410/11   606/6   1415/23   Rast=0"x10"     Type/Intensity:   245/87 410/11   606/6   1415/23   Rast=10"x10"     O7:03:23 07:03:32   Peakc/s=82   Qual=01   Tot Cts=300   Maxee/=99     O7:04	otari ptical		בוות רווובא	HaClass=SF	S37E38	AR4925		Carr.Lon.=32deg	deg	H.Ang=48deg
Type/Intensity: III/I		20 07:10 20 07:08:1 07:09	07:28 07:09:14 07:14	Importance=L1 Peakc/s=159 CaPeak.c/s=44	Qual=01 Qual=01 Qual= 1		_	_		XEN=801501
Cy(MH2)/Flux(sfu): 245/87 410/11 606/6 1415/23  Cy(MH2)/Flux(sfu): 245/87 410/11 606/6 1415/23  Cy(MH2)/Flux(sfu): 245/87 410/11 606/6 1415/23  O7:03:23 07:03:32 Peakc/s=82 Qual=01 Tot Cts=300 Maxke/99  O7:04 Total Cts=300 Maxke/99  D07=15 SMM Pointing: S05W00 Pitch=+0", Yaw=+0  D07=15 Inportance=B7 Qual=01 Tot Cts=380 Mac.=ESI  I5:14.45 I5:15:50 Peakc/s=54 Qual=01 Tot Cts=380 MaxkeV=70  D07=15 Rat times SMM Pointing: S05W00 Pitch=+7", Yaw=-1  Peak End times HaClass=SF S3E33 AR4925 Mac.=ESI  19:40 19:42 Importance=C1 Qual=01 Tot Cts=1214 MaxkeV=70  D07=15 Associated Event # = 8705  I9:37:06 19:37:33 Peakc/s=56 Qual=01 Tot Cts=1214 MaxkeV=70  D07=15 Associated Event # = 8705  D07=15 Mac.=ESI  MaxkeV=70  D07=15 MaxkeV=70  Outla=01 Tot Cts=1214 MaxkeV=70  D07=15 MaxkeV=70  D07=15 MaxkeV=70  D07=15 MaxkeV=70  D07=15 MaxkeV=70  Outla=01 Tot Cts=1214 MaxkeV=70  D07=15 MaxkeV=70  D07=15 MaxkeV=70  Outla=01 Tot Cts=1214 MaxkeV=70  D07=15 MaxkeV=99  D07=15 MaxkeV=70  D07=15 MaxkeV=99  D07=15 MaxkeV=70  D07=15 MaxkeV=70  D07=15 MaxkeV=99  D07=15 MaxkeV=70  D07=15 MaxkeV=99  D07=15 MaxkeV=70  D07=15 MaxkeV=99  D07=16 MaxkeV=99  D07=17 MaxkeV=99  D07=18 MaxkeV=99	۰,	ı		Wavelength=1375	4 Code=00			Step=0" Pi	cad=1.025 Pitch=+570",	1.0245/pixei
77:03:23 07:03:32 Peakc/s=82 Qual=01 Tot Cts=300 Paxkev=99 07:04:03:03:07:03:32 Peakc/s=82 Qual=01 Tot Cts=300 Pitch=+0", Yaw=+0 Peak End times HaClass=SF S37E37 AR4925 Mac.=ESI Importance=B7 Qual=01 Tot Cts=380 Maxkev=70 15:17, 15:25 Peakc/s=54 Qual=01 Tot Cts=380 Maxkev=70 15:14:45 15:15:50 Peakc/s=56 Qual=01 Tot Cts=212 Maxkev=99 16:44:19 16:44:46 Peakc/s=56 Qual=01 Tot Cts=212 Maxkev=99 19:40 19:42 Importance=C1 Qual=01 Tot Cts=1918 Maxkev=70 19:38:52 19:39:09 Peakc/s=56 Qual=01 Tot Cts=1918 Maxkev=70 19:37:06 19:37:33 Peakc/s=47 Qual=01 Tot Cts=1214 Maxkev=70 19:37:06 19:37:33 Peakc/s=47 Qual=01 Tot Cts=1214 Maxkev=99 20:52:48 20:57 Importance=C1 Qual=01 Tot Cts=1500 Maxkev=99	3	Type/ ency (MHz)/		245/87 410/11 60	_ T	23 Fvent # = 8699	1	1 1 1 1	! !	1 1 1 1 1
DOY=15         SPMM Pointing:         SO5WOO         Pitch=+O", Yaw=+O           Peak         End times         HaClass=SF         S37E37         AR4925         Mac.=ESI           15:17         15:25         Importance=B7         Qual=O1         Tot Cts=380         MaxkeV=70           DOY=15         SMM Pointing:         S05WOO         Pitch=+7", Yaw=-1           Peak         List4:19 16:44:46         Peakc/s=56         Qual=O1         Tot Cts=212         MaxkeV=99           DOY=15         SMM Pointing:         S05WOO         Pitch=+7", Yaw=-1           Peak         List4:19 16:44:46         Peakc/s=56         Qual=O1         Tot Cts=212         MaxkeV=99           DOY=15         SMM Pointing:         S05WOO         Pitch=+7", Yaw=-1         Qual=O1         Pitch=+7", Yaw=-1           19:37:06 19:37:33 Peakc/s=6         Qual=O1         Tot Cts=1918         MaxkeV=70            19:37:06 19:37:33 Peakc/s=47         Qual=O1         Tot Cts=1214         MaxkeV=70            20:54         End times         HaClass=SF         S38E32         AR4925         Mac.=ESI           20:54         End times         HaClass=SF         S38E32         AR4925         MaxkeV=99           20:54	•	07:04 07:04 07:04	3 07:03:32 07:07		Qual=01 Qual= 4	Tot Cts=300 FePeak=07:04		eaks=2 ep=0"	= 7.7s d=1.02s	EN=80 .024s
Peak End times  HaClass=SF S37E37 AR4925 Mac.=ESI  I5:17 15:25 Importance=B7 Qual=01  I5:14:45 15:15:50 Peakc/s=54 Qual=01  I6:14:45 15:15:50 Peakc/s=54 Qual=01  I6:44:19 16:44:46 Peakc/s=56 Qual=01  I6:44:19 16:44:46 Peakc/s=67  I6:44:19 16:44:46 Peakc/s=78  IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	vent # = 870; 88/01/15,15:17			SMM Pointing	S05W00		Pitch=+0", Yaw=+0'	, Yaw=+0", Roll=0deg		H.Ang=Odeg
15:14.45 15:15.50 Peakc/s=54 Qual=01 Tot Cts=380 MaxkeV=70  100Y=15  15:14.45 15:15.50 Peakc/s=54 Qual=01 Tot Cts=380 MaxkeV=70  100Y=15  16:44:19 16:44:46 Peakc/s=56 Qual=01 Tot Cts=212 MaxkeV=99  16:44:19 16:44:46 Peakc/s=56 Qual=01 Tot Cts=212 MaxkeV=99  19:40:15 End times  HaClass=SF S36E33 AR4925 Mac.=ESI  19:40:19:32:99 Peakc/s=6 Qual=01 Tot Cts=1918 MaxkeV=70	Start ptical	Peak	<del>.</del> .		\$37E37	AR4925		Carr.Lon.=29deg	deg	H.Ang≖47deg
DOY=15       SMM Pointing:       \$05W00       Pitch=+7", Yaw=-1         DOY=15       Qual=00       Tot Cts=212       MaxkeV=99         DOY=15       SMM Pointing:       \$05W00       Pitch=+7", Yaw=-1         Peak       End times       HaClass=SF       \$36E33       AR4925       Mac.=ESI         19:40       19:42       Importance=C1       Qual=01       Tot Cts=1918       MaxkeV=70         19:38:52       19:39:09       Peakc/s=56       Associated Event # = 8705       Asxev=70         19:37:06       19:37:33       Peakc/s=47       Qual=01       Tot Cts=1214       MaxkeV=70         Peak       End times       HaClass=SF       \$38E32       AR4925       Mac.=ESI         20:54       20:57       Importance=C1       Qual=01       Tot Cts=1500       MaxkeV=99	15:12 15:13	15:17 15:14	15:25 5 15:15:5	Importance=B/ Peakc/s=54	Qual=01 Qual=01		MaxkeV=70			
16:44:19 16:44:46 Peakc/s=56 Qual=01 Tot Cts=212 MaxkeV=99  DOY=15 Peak End times HaClass=SF S36E33 AR4925 Mac.=ESI 19:40 19:42 Importance=C1 Qual=01 Tot Cts=1918 MaxkeV=70 19:38:52 19:39:09 Peakc/s=56 Qual=01 Tot Cts=1918 MaxkeV=70 19:37:06 19:37:33 Peakc/s=47 Qual=01 Tot Cts=1214 MaxkeV=70  DOY=15 SMM Pointing: S05W00 Pitch=+7", Yaw=-1 Peak End times HaClass=SF S38E32 AR4925 Mac.=ESI 20:54 20:57 Importance=C1 Qual=01 Tot Cts=1500 MaxkeV=99	Vent # = 870. 8/01/15,16:4	1	To the	1	S05W00		Pitch=+7", Yaw=-1", Roll=7deg	',Roll=7deg		H.Ang=Odeg
DOY=15 Peak End times HaClass=SF S36E33 AR4925 Mac.=ESI 19:40 19:42 Importance=C1 Qual=01 19:38:52 19:39:09 Peakc/s=56 Qual=01 Tot Cts=1918 MaxkeV=70 19:37:06 19:37:33 Peakc/s=47 Qual=01 Tot Cts=1214 MaxkeV=70  DOY=15 SMM Pointing: S05W00 Pitch=+7", Yaw=-1 20:54 20:57 Importance=C1 Qual=01 Tot Cts=1500 MaxkeV=99	31ar L IOES IXRBS 16:43:		EIIG 19 16:		Qual=00 Qual=01	Tot Cts=212	MaxkeV=99			
19:40 19:42 Importance=C1 Qual=01 Tot Cts=1918 MaxkeV=70 Qual=01 19:37:06 19:37:33 Peakc/s=56 Qual=01 Tot Cts=1918 MaxkeV=70 Qual=01 Tot Cts=1214 MaxkeV=70 Qual=01 Qual=01 Tot Cts=1200 MaxkeV=99 Qual=01 Tot Cts=1500 MaxkeV=99	vent $\# = 870$ 8/01/15,19:40	1		₹S	S05W00		Pitch=+7", Yaw=-1'	, Yaw=-1", Roll=7deg		H.Ang=0deg
19:37:06 19:37:33 Peakc/s=67 Qual=01 Tot Cts=1918 MaxkeV=70 19:37:06 19:37:33 Peakc/s=47 Qual=01 Tot Cts=1214 MaxkeV=70 19:37:06 19:37:33 Peakc/s=47 Qual=01 Tot Cts=1214 MaxkeV=70  DOY=15 SMM Pointing: SO5W00 Pitch=+7", Yaw=-1 Peak End times HaClass=SF S38E32 AR4925 Mac.=ESI 20:54 20:57 Importance=C1 Qual=01 Tot Cts=1500 MaxkeV=99	Start ptical		בים 10.	Ha	\$36E33	AR4925		Carr.Lon.=30deg	deg	H.Ang=44deg
DOY=15 SMM Pointing: S05W00 Pitch=+7",Yaw=-1 Peak End times HaClass=SF S38E32 AR4925 Mac.=ESI 20:54 20:57 Importance=C1 Qual=01 Tot Cts=1500 MaxkeV=99	MCES 19:37 IXRBS 19:38:1 IXRBS 19:37:0		:09	Importance=ti Peakc/s=56  Peakc/s=47	Qual=01 Qual=01 Associated Qual=01	Tot Cts=1918 Event # = 8705 Tot Cts=1214	•	1 1 1	1 1 1	1 1 1 1 1
Peak End times 40.54 20:57 Importance=C1 Qual=01 20:5248 20:53:08 Peakc/s=78 Qual=01 Tot Cts=1500 MaxkeV=99	svent # = 870 88/01/15,20:5	D0Y=1		¥S.	S05W00		Pitch=+7", Yaw=-1", Roll=7deg	',Roll=7deg		H.Ang=Odeg
20:52:33 20:52:48 20:53:08 Peakc/s=78 (ual=01 Tot Cts=1500	Start Optical				\$38E32	AR4925		Carr.Lon.=31deg	qeg	H.Ang=44deg
	JOES 20:52 IXRBS 20:52:	33 20:52:4	20:57 20:53	Importance=u1 Peakc/s=78	Qual=01	Tot Cts=1500	MaxkeV=99			

				88/01/16	5 D0Y=16				
vent # = 8711			1				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
/01/16,21:08	DOY=16	End times	SMM Pointing:	S19E39		Pitch=+258",Yaw=+579",Roll=Odeg	/=+579", Roll=0		H.Ang=40deg
start tical	reak 21.00		HaClass=SF	\$41E28	AR4925	Mac.=EAI	Carr.Lon.=21deg		H.Ang=44deg
GUES 21:03 HXRBS 21:05:30 UVSP 21:09	21:07:02	21:13 21:07:34	Importance-ci Peakc/s=63 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=5197 Exp #=61315	MaxkeV=70 Rast=180"x1"	Step=0" Pi	Pitch=+136", Yaw=+501"	, Yaw=+501"
1 1				88/01/17	7 DOY=17				
vent # = 8707 8/01/17,13:45	DOY=17		SMM Pointing:	S19E29		Pitch=+251", Yaw=+453", Roll=Odeg	/=+453",Roll=0		H.Ang=32deg
GOES 13:39 HXRBS 13:38:03 UVSP 13:20	Peak 13:45 13:39:00	End Cimes 14:33 13:40:02	Importance=C2 Peakc/s=65 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=4845 Exp #=61376	MaxkeV=70 Rast=180"x1"	Step=0" Pi	itch=+130"	Pitch=+130",Yaw=+383"
vent # = 21454 8/01/17,23:00	D0Y=17		SMM Pointing:	S19E25		Pitch=+247", Yaw=+385", Roll=Odeg	/=+385", Roll=0		H.Ang=28deg
Start GOES 22:51 BCS 23:15	Peak 23:00 23:15	end times 23:21 23:17	Importance=B8 CaPeak.c/s=1104	Qual=05 Qual= 5	FePeak=23:15	FePeak.c/s=5		dt= 7.7s X	XEN=801700
SP 22:57			Wavelength=1375A	Code=00	Exp #=61395	Rast=10"x10"	Step=0" Pi	tch=+231"	1.02+3/ p. AC! ', Yaw=+414"
				88/01/18	8 D0Y=18				
vent # = 8708 8/01/18,00:33	D0Y=18		SMM Pointing:	S19E24		Pitch=+246",Yaw	, Yaw=+376", Roll=0deg	]deg	H.Ang=27deg
[2]	Peak 00.33	end times	HaClass=SF	\$19E21	AR4927	Mac.=DAO	Carr.Lon.=13deg		H.Ang=25deg
HXRBS 00:29:21 BCS 00:30	00:29:47 00:32	7 00:31:03 00:39	Importance-ti Peakc/s=61 CaPeak.c/s=63	Qual=01 Qual=01 Qual= 1	Tot Cts=4273 FePeak=00:31	MaxkeV=70 FePeak.c/s=17		t= 7.7s	XEN=801800
SP 00:30			Wavelength=1375A	Code=00	Exp #=61403	Rast=0"x0" Rast=10"x10"	Step=0" Ca	cad=1.02s 1 Pitch=+245",	1.0245/pixel ,Yaw=+361"
i i				88/01/19	9 D0Y=19				
Event # = 8710 88/01/19,20:43	D0Y=19	1 1 1 1 1	SMM Pointing:	S19W00		Pitch=+236", Yaw=-8", Roll=Odeg	v=-8",Roll=0de		H.Ang=14deg
, LE,	reak	Erid tilles	HaClass=1F	S19W00	AR4927	Mac.=EKO	Carr.Lon.=10deg		H.Ang=14deg
G0ES 20:30 HXRBS 20:38:30 BCS 20:39	20:43 20:39:26 20:42	5 20:40:26 20:52	importance=ul Peakc/s=1040 CaPeak.c/s=37	Qual=01 Qual=01 Qual= 1	Tot Cts=68 FePeak=20:40	MaxkeV=70 FePeak.c/s=8	#Peaks=1 dt	dt= 7.7s	XEN=801900
.S rSP 20:18			Wavelength=2788A	_	Exp #=61542	Rast=180"x1"			1, Yaw=-78"
and a second property of the second									

					88/01/20	0 D0Y=20				
Event #	# = 8733	nov=20		CMM Dointing.	C10H13		0:+ch-+227" V	1.000	2000	10000
	Ú.	Peak	End times	<u> </u>	219#13		Picci=+23/ , taw=-200 , Roll=Udeg	10X' 007-=/	i=nded	n.Ang=19aeg
	10.17		0.33	HaClass=SN	S19W12	AR4927	Mac.=EKI	Carr.Lon.=10deg	=10deg	H.Ang=18deg
HXRBS BCS FCS	19:20:17 19:21	19:20:55 19:22	19:21:36 19:25	Importance-ci Peakc/s=102 CaPeak.c/s=56	Qual=01 Qual=1	Tot Cts=1203 FePeak=19:22	MaxkeV=70 FePeak.c/s=16	Flags=I #Peaks=1	dt= 7.7s	XEN=802000
UVSP	19:20			Wavelength=2788A	Code=00	Exp #=61611	Rast=180"x1"	Step=0"	cad=1.02s 1 Pitch=+116",	1.0245/plxel ",Yaw=-24"
1 4 2 3 1 1	1.070				88/01/2	2 D0Y=22				
Event # 88/01/2	4 W	DOY=22 Peak	Fnd +imes	SMM Pointing:	S19W35		Pitch=+248", Yaw=-527", Roll=Odeg	/=-527", Rol	]=0deg	H.Ang≈37deg
GOES HXRBS UVSP	11:25 11:29:58 11:05	11:33 11:30:33	11:44 11:31:02	Importance=B6 Peakc/s=69 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=676 Exp #=61741	MaxkeV=70 Rast=180"x1"	Flags=I Step=0"	Pitch=+127'	Pitch=+127",Yaw=-342"
					88/01/24	4 D0Y=24				
Event # 88/01/2	$t = 21455$ $t_{4,03}:55$	D0Y=24	7	SMM Pointing:	S19W53		Pitch=+265", Yaw=-738", Roll=Odeg	/=-738", Rol	1=0deg	H. Ang=53deg
GOES	317 03:17 04:02	03:55 04:02	Eria times 05:00 04:21	Importance=C2 CaPeak.c/s=35	Qual=05 Qual= 5	FePeak=04:02	FePeak, c/s=7		dt= 7.7s	XEN=802400
UVSP	03:54			Wavelength=2788A	Code=00	Exp #=61839	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+145",	1.024s/pixel ',Yaw=-562"
Event # 88/01/2	t # = 8712 1/24,09:36 Start	D0Y=24	Fnd +imes	SMM Pointing:	S19W57		`Pitch=+269",Yaw	, Yaw=-770", Roll=Odeg	1=0deg	H.Ang=57deg
HXRBS UVSP		10	09:36:29	Peakc/s=81 Wavelength=2788A	Qual=01	Tot Cts=1404 Exp #=61846	MaxkeV=288 Rast=180"x1"	Flags=NS Step=0"	Pitch=+148"	', Yaw=-591"
Event # 88/01/2	1	DOY=24		SMM Pointing:	S19W58		Pitch=+270", Yaw=-780", Roll=Odeg	/=-780", Rol	]=0deg	H.Ang=58deg
GOES HXRBS UVSP	11:02 S 11:04:24 11:16	11:09 11:07:00	11:21 11:07:33	Importance=C2 Peakc/s=68 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=7445 Exp #=61848	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+149"	', Yaw=-598"
Event # 88/01/2	t # = 21456 1/24,20:10	D0Y=24		SMM Pointing:	S34W88		Pitch=+543", Yaw	, Yaw=-808", Roll=0deg	1=0deg	H.Ang=86deg
Optical	3tai t	20.10	() III	HaClass=SN	S36W90	AR4925	Mac.=8X0	Carr.Lon.=34deg	=34deg	H.Ang=87deg
BCS FCS	20:03	20:03	20:13	CaPeak.c/s=44	Qual= 1	FePeak=20:09	FePeak.c/s=13	#Peaks=1	dt= 7.7s X	XEN=802401
UVSP	20:05			Wavelength=1375A Code=00	Code=00	Exp #=61861	Rast=10"x10"		cdu=1.025 Pitch=+557"	1.024s/pixel ',Yaw=-808"

					88/01/26	6 DOY=26				
vent	t = 21457				1 / - 0 / 00					
/01		DOY=26	End +imes	SMM Pointing:	S19W78		Pitch=+297", Yaw=-903", Roll=Odeg	v=-903", Ro]	]=0deg	H.Ang=77deg
GOES BCS	06:18 06:28	06:31 06:28	06:53 06:33	<pre>Importance=B7 CaPeak.c/s=19</pre>	Qual=01 Qual= 4	FePeak=06:29	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=802600
UVSP	60:90			Wavelength=2788A		Exp #=61921	Rast=180"x1"	Step=0"	Ā.	", Yaw=-727"
Event # 88/01/2	∞ .			SMM Pointing:	S19W81		Pitch=+303", Yaw=-913", Roll=Odeg	v=-913", Rol	1=0deg	H.Ang=80deg
GOES	GOES 07:07 BCS 07:12	reak 07:19 07:15	07:39 07:16	Importance=B7 CaPeak.c/s=20	Qual=02 Qual= 4	FePeak=07:13	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=802601
UVSP	07:13			Wavelength=2788A	Code=00	Exp #=61922	kast=U"xU" Rast=180"x1"		cad=1.02s 1 Pitch=+182",	1.024s/p1xe1 ",Yaw=-729"
Event # 88/01/2	Event # = 8/14 88/01/26,11:03	D0Y=26	4	SMM Pointing:	S19W81		Pitch=+303", Yaw	, Yaw=-913", Rol	, Roll=Odeg	H.Ang=80deg
Optical	Start	י דפא פיי	end times		S21490	AR4927	Mac.=DSO	Carr.Lon.=13deg	=13deg	H.Ang=88deg
GOES HXRBS BCS BCS	10:58:21 10:58:21 10:59	11:03 11:01:24 11:17	11:18 11:15:48 11:45	Importance=C6 Peakc/s=57 CaPeak.c/s=257	Qual=03 Qual=01 Qual= 1	Tot Cts=4050 FePeak=11:13	MaxkeV=70 FePeak.c/s=45	#Peaks=2	dt= 3.8s	XEN=802602
UVSP	10:51			Wavelength=2788A	Code=01	Exp #=61927	Kast=25"XZ5" Rast=180"x1"			1.024s/plxe! ",Yaw=-732"
					88/01/2/	7 DOY=27				
Event # 88/01/2 GOES HXRBS UVSP	: # = 8715 [/27,12:58 Start 12:52 : 12:53:27	DOY=27 Peak 12:58 12:53:47	End times 13:02 12:54:22	Importance=Cl Peakc/s=236 Wavelength=2788A	Qual=03 Qual=01	Tot Cts=1427 Exp #=61967	MaxkeV=129 Rast=420"x241"	Step=3"	Pitch=+7",)	, Үам=+56"
Event # 88/01/2	# = 21459 /27,20:25 stant	D0Y=27	בישויד לים	SMM Pointing:	N19W59		Pitch=-369", Yaw	, Yaw=-791", Rol	, Roll=Odeg	H.Ang=63deg
Optical	3tai t	70.25	<u>.</u>	HaClass=SB	N21W60	AR4934	Mac.=CRO	Carr.Lon.=325deg	=325deg	H.Ang=65deg
	20:19	20:24	20:34		Qual= 1	FePeak=20:24	FePeak.c/s=32		dt= 7.7s	XEN=802700
rts UVSP Radio	20:00 Frequent	20:00 Frequency(MHz)/Flux(sfu)		⋖	Code=00	Exp #=61975	kast=U"xU" Rast=63"x63"	Step=0" Step=3"	cad=1.0Zs 1 Pitch=-396",	1.024s/p1xel ",Yaw=-791"
Event # 88/01/2	1	D0Y=27	10 E;+	SMM Pointing:	N19W59		Pitch=-369", Yaw=-791", Roll=Odeg	/=-791", Rol	1=0deg	H.Ang=63deg
GOES HXRBS UVSP	20:28 20:28:13 20:00	20:29 20:28:38	20:32 20:29:13	Importance=C3 Peakc/s=61 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=288 Exp #=61975	MaxkeV=70 Rast=63"x63"	Step=3"	Pitch=-396",Yaw=-791	", Yaw=-791"

Event 88/01/	Event # = 8718 88/01/27,23:06	D0Y=27		SMM Pointing:	N20W62		Pitch=-367",Yaw	, Yaw=-813", Rol	, Roll=Odeg	H.Ang=66deg
Optica	Start 1	Peak	nd times	HaClass=SN	N20W61	AR4934	Mac.=CRO	Carr.Lon.=324deg	=324deg	H.Ang=65deg
GOES HXRBS BCS	22:59 23:04:35 23:06	23:06 23:05:00 23:06	23:18 23:05:22 23:14	Importance=C4 Peakc/s=70 CaPeak.c/s=218	Qual=05 Qual=01 Qual= 5	Tot Cts=312 FePeak=23:06	MaxkeV=70 FePeak.c/s=37		dt= 3.8s	XEN=802701
UVSP	23:06			Wavelength=1375A	Code=02	Exp #=61977	Rast=265"x265"	Step=5"	cad=23.0s 1 Pitch=-358",	1.0245/plxel ",Yaw=-799"
Event 88/01/	# = 8717 27,23:29	D0Y=27	7	SMM Pointing:	N20W62		Pitch=-367", Yaw=-813", Roll=Odeg	w=-813", Rol	1=0deg	H.Ang=66deg
GOES HXRBS BCS	23:25 23:25 23:26:58 23:28	23:29 23:27:29 23:28	23:48 23:28:07 23:46	Importance=C3 Peakc/s=166 CaPeak.c/s=83	Qual=01 Qual=01 Qual= 1	Tot Cts=2287 FePeak=23:28	MaxkeV=129 FePeak.c/s=19	#Peaks=1	dt= 3.8s	XEN=802702
UVSP	23:26			Wavelength=1375A	Code=00	Exp #=61980	Rast=10"x10"	Step=0 Step=0"		", Yaw=-817"
					88/01/28	8 D0Y=28				
Event 88/01/	: # = 21460 1/28,02:31	D0Y=28		SMM Pointing:	N19W63		Pitch=-362",Yaw	, Yaw=-823", Rol	, Roll=Odeg	H.Ang=67deg
	·	٠ ر	ຸ :		N16W62	AR4934	Mac.=DSI	Carr.Lon.=323deg	=323deg	H.Ang=65deg
BCS	02:20	02:20	02:25	Importance-cz CaPeak.c/s=34	Qual= 5	FePeak=02:20	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=802800
UVSP	90:20		,	Wavelength=2788A		Exp #=61991	Rast=180"x1"			8", Yaw=-639"
Event 88/01/	# = 21461 '28,03:56	00Y=28	9	SMM Pointing:	N19W63	# # # # # # # # # # # # # # # # # # #	Pitch=-362", Yaw=-823", Roll=Odeg	w=-823", Rol	1=0deg	H.Ang=67deg
GOES	3:50 03:50 03:55	03:56 03:55	04:05 03:57	Importance=B9 CaPeak.c/s=18	Qual=01 Qual= 4	FePeak=03:55	FePeak.c/s=8		dt= 7.7s	XEN=802801
WSP WSP	03:41			Wavelength=2788A	Code=01	Exp #=61993	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	cad=1.02s Pitch=-227"	1.0245/plxe! ",Yaw=-645"
Event 88/01/	# = 21462 '28,04:15			SMM Pointing:	N19W63		Pitch=-362", Yan	, Yaw=-823", Roll=Odeg	1=0deg	H.Ang=67deg
GOES	04:10 04:14	04:15 04:14	04:16 04:16	Importance=C1 CaPeak.c/s=20	Qual=01 Qual= 4	FePeak=04:15	FePeak.c/s=6		dt= 7.7s	XEN=802802
UVSP	04:41			₩avelength=2788A		Exp #=61994	Rast=0.x0 Rast=180"x1"	Step=0 Step=0"	cdu=1.025 1 Pitch=-226",	1.0245/p1xe1
Event 88/01/	# = 8719 728,04:31	DOY=28	1	SMM Pointing:	N19W63		Pitch=-362", Yaw=-823", Roll=Odeg	w=-823", Rol	1=0deg	H.Ang=67deg
GOES HXRBS UVSP	04:26 04:28:30 04:41	04:31 04:29:09	04:29:18	Importance=C1 Peakc/s=58 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=290 Exp #=61994	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=-226	Pitch=-226",Yaw=-648"

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H.Ang=67deg	XEN=802803	", Yaw=-648"	H.Ang=69deg	XEN=802804	1.024s/pixel ",Yaw=-654"	H.Ang=69deg	H.Ang≖68deg	", Yaw=-654"	H.Ang=69deg	XEN=802805	1.024s/pixel ",Yaw=-656"	H.Ang=70deg	H.Ang=68deg	XEN=802806	1.024s/pixel ",Yaw=-662"	H.Ang=72deg	XEN=802807 1.024s/pixel	H.Ang=72deg	XEN=802808 0.256s/pixel
, Roll=Odeg	dt= 7.7s X Cad=1 02s 1	Pitch=-226	, Roll=Odeg	dt= 7.7s	Cad=25.6s Pitch=-225"	, Roll=Odeg	=323deg	Pitch=-225"	, Roll=Odeg	dt= 7.7s	Cad=1.02s 1 Pitch=-225",	, Roll=Odeg	=323deg	dt= 7.7s	Cad=25.6s Pitch=-224"	, Roll=Odeg	dt= 7.7s Cad=1.02s	, Roll=Odeg	dt= 0.1s Cad=.26s
,Yaw=-823",Rol	#Peaks=1 <+en=0"	Step=0"	, Yaw=-836", Rol	#Peaks=1	Step=5" Step=0"	, Yaw=-836", Rol	Carr.Lon.=323deg	Step=0"	, Yaw=-836", Rol	#Peaks=1	Step=0" Step=0"	, Yaw=-847", Rol	Carr.Lon.=323deg	#Peaks=1	Step=5" Step=0"	, Yaw=-857", Rol	#Peaks=1 Step=0"	, Yaw=-857", Rol	#Peaks=1 Step=0"
Pitch=-362",Ya	FePeak.c/s=12	Rast=180"x1"	Pitch=-360", Ya	FePeak.c/s=8	Rast=25"x25" Rast=180"x1"	Pitch=-360", Ya	Mac.=DSI	MaxkeV=129 Rast=180"x1"	Pitch=-360", Ya	FePeak.c/s=8	Rast=0"x0" Rast=180"x1"	Pitch=-357", Ya	Mac.≖DSI	MaxkeV=70 FePeak.c/s=69	Kast=25"x25" Rast=180"x1"	Pitch=-355", Ya	FePeak.c/s=9 Rast=0"x0"	Pitch=-355", Ya	FePeak.c/s=7 Rast=0"x0"
	FePeak=04:46	Exp #=61994		FePeak=06:03	Exp #=61996		AR4934	Tot Cts=7041 Exp #=61996		FePeak=07:18	Exp #=61997		AR4934	Tot Cts=9428 FePeak=08:43	Exp #=61999		FePeak=11:52		FePeak=12:07
N19W63	Qua]=02 Qua]= 4	Code=00	N19W65	Qua]=01 Qua]= 4		N19W65	N19W64	Qual=03 Qual=01 Code=02	N19W65	Qual=01 Qual= 4		N19W67	N18W65	Qual=01 Qual= 6		69M61N	Qual=01 Qual= 4	N19W69	Qual=01 Qual= 1
SMM Pointing:	Importance=C2 CaPeak.c/s=32	Wavelength=2788A	SMM Pointing:	Importance=Cl CaPeak.c/s=29	₩avelength=2788A	SMM Pointing:	HaClass=SN	Peakc/s=217 Wavelength=2788A	SMM Pointing:	Importance=B8 CaPeak.c/s=23	Wavelength≖2788A	SMM Pointing:	HaClass=1N	Peakc/s=192 CaPeak.c/s=253	Wavelength=2788A	SMM Pointing:	Importance=Cl CaPeak.c/s=23	SMM Pointing:	Importance=Cl CaPeak.c/s=43
+	<u>u</u>			06:05 06:11		End times		06:08:46	9	^		Fnd times	.20	08:50:21 08:50			12:04 11:58	+ + P C C	12:21 12:11
DOY=28	04:49 04:45		D0Y=28	06:04 06:03		D0Y=28	06.08	06:06:40	D0Y=28	07:19 07:18		D0Y=28	י וכ	08:48:18 08:43		D0Y=28	11:55 11:52 11:52	D0Y=28	12:09 12:07
	04:40 04:44	04:41	/28,06:04	36.01 06:01 06:03	06:16	# = 8720 /28,06:08 Start	- T	06:05:45 06:16	# = 21465 /28,07:19	37ar 6 07:18 07:18	06:49	# = 8721 /28,08:50 Start	31 08:41	08:45:36 08:43	08:24	# = 21466 /28,11:55	3547 11:49 11:52	# = 21467 /28,12:09	2:04
Event 88/01/	GOES BCS FCS		Event 88/01/	GOES BCS FCS	Syn	Event 88/01/	Optica	HXRBS	Event 88/01/	GOES BCS BCS	WSP	Event 88/01/	Optica GOES	HXRBS (	UVSP	Event 88/01/	GOES BCS FCS	Event 88/01/	GOES BCS FCS

	D0Y=29 Peak 02:02:53 D0Y=29 Peak 02:04:11 D0Y=29 Peak 02:29 D0Y=29 Peak 14:54 14:54 14:54 14:54 14:54 10:45 10:45 10:45 10:45 10:44:51	88/01/29 b0Y=29	SMM Pointing: N	nu times 2:03:04 Peakc/s=95 Qual=01 Tot Cts=195 MaxkeV=70 Wavelength=1375A Exp #=62018 Rast=10"x10" Step=0" Pitch=-349",Yaw=-898"		nu cimes 2:04:53 Peakc/s=79 Qual=01 Tot Cts=365 MaxkeV=70 Wavelength=1375A Exp #=62018 Rast=10"x10" Step=0" Pitch=-349",Yaw=-898"		Importance=C1 (Qual=03	Rast=U.xU. Step=U. Cdd=1.025 1.024s/plxel Wavelength=1375A Code=00 Exp #=62022 Rast=10"x10" Step=0" Pitch=-384",Yaw=-875"		nd times 5:29 Importance=C1 Qual=O2 4:50 CaPeak.c/s=30 Qual= 1 FePeak=14:49 FePeak.c/s=10 #Peaks=1 dt= 7.7s	Rast=0"x0"   Step=0" Cad= 860s   860.4s/plxel   Wavelength=2788A   Exp #=62051   Rast=180"x1"   Step=0"   Pitch=-188",Yaw=-735"	88/01/30 D0Y=30	(	nd times 16:06 Importance=C2 Qual=O3 15:15:10 Peakc/s=92 Qual=O1 Tot Cts=1446 MaxkeV=70 15:15:10 Havelength=2788A Code=O2 Exp #=62092 Rast=180"x1" Step=O" Pitch=-188",Yaw=-735"	88/01/31 D0Y=31	20 Importance=C3 (ual=03 13:04 Peakc/s=133 (ual=01 Tot Cts=3384 MaxkeV=159	0:46:19	88/02/01 D0V=32		= ~
	DOY= DOY= DOY= DOY= DOY= DOY= DOY= DOY= DOY= 14:55 10:44		7	Enu :53 02:0	6	:11 02:0	62	End time 9 02:50 7 02:44		62	End time 1 15:29 9 14:50			0	5 06:06 5:44 05:15:10		 11:20 18 10:43:04	:51 10:46:19		+ + + + + + + + + + + + + + + + + + +	28 00:49:39

				88/02/02	5 D0Y=36				
ent	470								
88/02/05, 12:	05 DOY=36	ů	SMM Pointing:	N20W01		Pitch=-399",Yaw	,Yaw=-164",Roll=	, Roll=-20deg	H.Ang=26deg
GOES 11:25 BCS 11:46	12:05 11:57	13:05	Importance=C2 CaPeak.c/s=24	Qual=03 Qual= 1	FePeak=11:49	FePeak.c/s=16	#Peaks=1 d	dt= 7.7s	XEN=803600
rts UVSP 11:56			Wavelength=2788A	Code=01	Exp #=62345	Rast=180"x1"			", Yaw=+13"
				88/05/08	8 D0Y=39				
Event # = 87 88/02/08,07:	<u>ნ</u>	9 	SMM Pointing:	00M90S		Pitch=+0",Yaw≖+	, Yaw=+0",Roll=-20deg	deg	H.Ang=Odeg
GOES 07:18 HXRBS 07:18: UVSP 07:18	75ak 07:21 31 07:18:	07:28 50 07:18:58	Importance=B5 Peakc/s=60 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=91 Exp #=62453	MaxkeV=70 Rast=180"x1"	Step=0" P	Pitch=+7",Yaw=+16"	Yaw=+16"
Event # = 87 88/02/08,08:	28 36 DOY=39	1	SMM Pointing:	00M90S		Pitch=+0", Yaw=+	, Yaw=+0", Roll=-20deg	deg	H.Ang=0deg
GOES 08:32 HXRBS 08:34 UVSP 08:35	Start Peak End the Community of State 1	mes 09	Importance=B7 Peakc/s=173 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=1210 Exp #=62456	MaxkeV=99 Rast=180"x1"	Step=0" P	Pitch=+7",	, Yaw=+16"
Radio Sweeps Radio Freq	Type, uency (MHz),		V/3 245/760 410/21						
				88/02/11	1 D0Y=42				
Event # = 8730 88/02/11,02:51	30 51 DOY=42	+ + 	SMM Pointing:	S07W00		Pitch=+2", Yaw=+1", Roll=Odeg	1",Roll=0deg	<b>D</b>	H.Ang=0deg
Optical		ā 8		N27W54	AR4949	Mac.=BX0	Carr.Lon.=131deg	131deg	H.Ang=62deg
HXRBS 02:47	:07 02:48:	11 02:48:22	Importance=t1 Peakc/s=63	Qual=03	Tot Cts=513	MaxkeV=70			
				88/02/20	D0Y=51				
Event # = 8732 88/02/20,04:21	32 21 DOY=51	4 4 4	SMM Pointing:	S12W74		Pitch=+471", Yaw	, Yaw≈-801", Roll=-20deg	=-20deg	H.Ang=73deg
Optical	צ א	Ē		S08W68	AR4951	Mac.=DSO	Carr.Lon.=26deg	26deg	H.Ang=67deg
HXRBS* 04:14: HXRBS* 04:14: BCS 04:15	42 04:14: 04:19	56 04:39:23 05:03	Peakc/s=1202 CaPeak.c/s=630	Qual=01 Qual= 4	Tot Cts=2.75E+5 FePeak=04:15	5 MaxkeV=317 FePeak.c/s=122	ㅠ_	dt= 3.8s	XEN=805100
UVSP 04:09	<b>3</b>		Wavelength=2788A	Code=00	Exp #=62813	Rast=243"x243"			", Yaw=-792"
kadio sweeps Radio Freq	Sweeps lype/incensity Frequency(MHz)/Flux(sfu)	/Intensity: /Flux(sfu):	245/230 410/290 (	506/99 14.	606/99 1415/240 2695/430	4995/20 8800/390	15400/220		
				88/05/28	8 DOY=59				
88/02/28,16:01	4/1 01 DOY=59 Beat	100 E	SMM Pointing:	N17E64		Pitch=-597", Yaw	, Yaw=+670", Roll=-20deg	=-20deg	H.Ang=68deg
Optical	יי קי	, rimes	HaClass=SF	N18E64	AR4957	Mac.=BX0	Carr.Lon.=1	=142deg	H.Ang=68deg
9.00	16:03	16:19	caPeak.c/s=54	Qual= 4	FePeak=16:02	FePeak.c/s=12 Rast=0"x0"		dt= 3.8s Cad=4.10s	XEN=805900 4.096s/pixel
UVSP 15:56			Wavelength=2788A	Code=00	Exp #=63086	Rast=180"x1"	Step=0" P	Pitch=-462"	", Yaw=+593"

	H.Ang=58deg	=+508"	H.Ang=56deg	=+487"		H.Ang=25deg	H.Ang=19deg	+397"	H.Ang=21deg	H.Ang=23deg	306100	s 1.024s/p1xel ',Yaw=+243"		H.Ang=33deg	H.Ang=29deg	306500	1.024s/p1xe1 ",Yaw=-407"		H.Ang=35deg	286"
	H.An	49", Yaw	H.An	46", Yaw		H.An	H.An	4", Yaw=+397	H.An	H.An	XEN	s 1.02 ", Yaw=+		H.An	H.An	XEN	s 1.02 06", Yaw		H.An	57", Үаж
	1=-20deg	Pitch=-449",Yaw=+508"	1=-20deg	Pitch=-446",Yaw=+487"		=-20deg	=201deg	I Pitch=+94",	, Roll=-20deg	=162deg	dt= 7.7s	Cad=1.02s Pitch=-3",		1=-20deg	=141deg	dt= 7.7s	tad=1.02s 1 Pitch=-306",		1=-20deg	Pitch=-157", Yaw=-286"
	=+580", Ro]	Step=0"	, Yaw=+558", Roll=-20deg	Step=0"		+407", Roll	Carr.Lon.=201deg	Flags=M1,1 Step=0"	, Yaw=+321", Rol	Carr.Lon.=162deg	#Peaks=1	Step=0" Step=0"		, Yaw=-416", Roll=-20deg	Carr.Lon.=141deg	#Peaks=1	Step=U Step=5"		=-466", Rol	Step=0"
	Pitch=-584", Yaw=+580", Roll=-20deg	MaxkeV=99 Rast=180"x1"	Pitch=-579", Yaw	MaxkeV=70 Rast=180"x1"		Pitch=+89", Yaw=+407", Roll=-20deg		MaxkeV=70 Rast=10"x10"	Pitch=+112", Yaw	Mac.=DAI	FePeak. c/s=12	Kast=U"xU" Rast=180"x1"		Pitch=-314",Yaw	Mac.=DAI	FePeak.c/s=6	kast=U"xU" Rast=265"x265"		Pitch=-294", Yaw=-466", Roll=-20deg	MaxkeV=70 Rast=180"x1"
09=400 6		Tot Cts=299 Exp #=63114		Tot Cts=225 Exp #=63119	1 D0Y=61		AR4954	Tot Cts=2200 Exp #=63149		AR4958	FePeak=15:36	Exp #=63161	5 D0Y=65		AR4957	FePeak=21:26	Exp #=63328	99=\000 s		Tot Cts=217 Exp #=63340
88/02/29	N17E53	Qual=01 Qual=01	N17E51	Qual=01 Qual=01	88/03/01	S20E23	\$20W15	Qual=03 Qual=01 Code=00	S20E17	\$22E18	Qual≕01 Qual= 1		88/03/05	N20W18	N16W17	Qual= 4	Code=00	88/03/09	N20W22	Qual=01 Qual=01
	SMM Pointing:	Importance=B7 Peakc/s=73 Wavelength=2788A	SMM Pointing:	Importance=B6 Peakc/s=66 Wavelength=2788A		SMM Pointing:		Importance-us Peakc/s=61 Wavelength=1375A	SMM Pointing:	HaClass=SF	Importance=88 CaPeak.c/s=33	Wavelength=2788A		SMM Pointing:	HaClass=SF	CaPeak.c/s=19	Wavelength=1375A Code=00 III/1		SMM Pointing:	Importance=B5 Peakc/s=63 Wavelength=2788A
	+ + + + + + + + + + + + + + + + + + +	10:05 09:55:34		Erlu Cimes 14:28 14:19:56			, :	04:56:07		ב ב ב	15:49 15:40			- Pag	.21	21:29	ntensity:		1	04:08 03:58:21
	00Y=60	764K 09:56 09:54:52	09=400	reak 14:22 14:19:29		D0Y=61		04:52:59	D0Y=61	י במא	15:38 15:36			D0Y=65	71.26	21:17	Type/Inten		00Y=66	04:01 03:57:55
- 1 1		354 5 09:51 09:54:41 10:08	# = 8737 '29, 14:22	3tart 14:18 14:19:19 13:54		Event # = 8/5/ 88/03/01,04:56	1) Jean E	04:45:12 04:46	Event # = 21472 88/03/01,15:38	יום ביין וויין וויין מור מור מור מור מור מור מור מור מור מור	15:35	15:58		# = 214/3 '05,21:26 Stant	30.30	21:17	21:23 Sweeps	300	# = 8/38 06,04:01	GOES 03:57 04:01 04:08 HXRBS 03:57:42 03:57:55 03:58:21 UVSP 04:15
	Event 88/02/	GOES HXRBS UVSP	Event 88/02/	GOES HXRBS UVSP		Event 88/03/	Optica	HXRBS UVSP	Event 88/03/	Optica	BCS S	UVSP		Event # = 88/03/05,2	Optica	SSS	uvsp uvsp Radio		Event 88/03/	GOES HXRBS UVSP

| 1986年 | 1986年 | 1987年 | 1

Event # = 21474	1		1	1001001						1
oo, oo, oo, io.io Start	Peak	End times	Smill Forms:	/2M02N		Fitch==205", raw	, raw=-ɔɔɔ¨, koıl=-∠udeg	Jaeg	H.Ang=38deg	
_	13:13	, c	HaClass=SF	N17W26	AR4957	Mac.=DAI	Carr.Lon.=141deg	leg	H.Ang=35deg	
BCS 12:59 FCs	13:03	13:22	CaPeak.c/s=21	Qual= 4	FePeak=13:05	FePeak.c/s=8			XEN=806600	
UVSP 13:40			Wavelength=2788A		Exp #=63348	Rast=0.x0. Rast=180"x1"	Step=0" cad= Step=0" Pitc	cad=1.02s Pitch=-128"	1.024s/p1xe! ",Yaw=-354"	
Event # = 21475 88/03/06,19:24	00Y=66	1	SMM Pointing:	N20W30		Pitch=-247", Yaw	, Yaw=-578", Roll=-20deg	deg	H.Ang=40deg	1
Start Optical GOFS 10.15	5	i	HaClass=SF	N23W30	AR4961	Mac.=DAI	Carr.Lon.=142deg	leg	H.Ang=42deg	
BCS 19:19	19:22	19:27	CaPeak.c/s=49	Qual= 1	FePeak=19:20	FePeak.c/s=10		3.8s	XEN=806601	
UVSP 19:21			Wavelength=1375A	Code=00	Exp #=63357	kast=0"x0" Rast=265"x265"	Step=0" cad= Step=5" Pitc	cad=4.10s Pitch=-237"	4.096s/p1xel ,Yaw≃-565"	
				88/03/0	7= YOU 7				7.75 (4.88)	1
Event # = 8/39 88/03/07,12:25	D0Y=67		SMM Pointing:	N20W39		Pitch=-197",Yaw	Pitch=-197", Yaw=-681", Roll=-20deg	deg	H.Ang=47deg	1
` <del>`</del> =	10.0E	rılles	HaClass=SF	N16W44	AR4957	Mac.=DSI	Carr.Lon.=146deg	eg	H.Ang=49deg	
HXRBS 12:22:59 UVSP 12:13	12:23:14	12:23:20	Importance=55 Peakc/s=57 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=147 Exp #=63389	MaxkeV=70 Rast=180"x1"	Step=0" Pitc	Pitch=-60",	, Yaw=-501"	
Event # = 8740 88/03/07,14:51 Start	D0Y=67	Fnd times	SMM Pointing:	N20W41		Pitch=-186", Yaw	, Yaw=-701", Roll=-20deg	deg	H.Ang=48deg	ı
Optical GOFS 14:49			HaClass=SF	N16W45	AR4957	Mac.=DSI	Carr.Lon.=146deg	eg	H.Ang=50deg	
HXRBS 14:49:23 UVSP 14:46	14:49:35	14:50:02	Peakc/s=185 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=1831 Exp #=63392	MaxkeV=99 Rast=180"x1"	Step=0" Pitc	Pitch=-52",	, Yaw=-517"	
				88/03/09	69= AOO 6					, ,
88/03/09,19:57 \$8/03/09,19:57	00Y=69	, + ban	SMM Pointing:	N28W24		Pitch=-397",Yaw	, Yaw=-512", Roll=-20deg	deg	H.Ang=42deg	
Optical Gors 19:40	10.57	201	HaClass=SF	N28W26	AR4963	Mac.=DS0	Carr.Lon.=98deg	6	H.Ang=43deg	
BCS 19:52	19:56	19:57	CaPeak.c/s=59	Qual= 3	FePeak=19:55	FePeak.c/s=15	#Peaks=1 dt=	3.8s	XEN=806900	
UVSP 19:52			Wavelength=1375A	Code=00	Exp #=63481	Rast=10"x10"		cad≅.∠os Pitch=-381"	0.2565/plxe: ',Yaw=-541"	
0				88/03/10	) DOY=70					
88/03/10,03:40 Start	DOY≈70 Peak	Fnd times	SMM Pointing:	N28W28		Pitch≈-375",Yaw	, Yaw=-565", Roll=-20deg	geb	H.Ang=44deg	
HXRBS 03:40:16 UVSP 03:59		03:40:48	Peakc/s=76 Wavelength=2788A	Qual=01	Tot Cts=264 Exp #=63505	MaxkeV=593 Rast=180"x1"	Flags=NS,GB Step=0" Pitch=-238",	h=-238"	, Yaw=-385"	
										1

DOY=71 Peak 01:37 02:29 01:37 02:29 Unyer 00:37 02:29 Unyer 00:37 02:29 Unyer 00:37 00:35 00:37 00:35 00:37 00:40  Mave Mave 11:19 01:25 01:00  Mave Mave 11:19 01:25 01:19 01:25 01:19 01:31  Mave Mave Mave Mave 11:19 01:25 01:19 01:31 01:43 02:02	Pointing: SO7W00  rtance=C3 Qual=03 c/s=79 Qual=01  length=2788A Code=00  Pointing: S23E88  rtance=C1 Qual=01 c/s=61 Qual=01  length=1375A Code=00  Pointing: S23E89	Tot Cts=2467	Pitch=+0",Yaw=+0"	0",Roll=0deg		H.Ang=Odeg
01:29:08 01:30:33 Peak 01:29:08 01:30:33 Peak Wave  D0Y=71 End times Impo 22:10:08 22:10:18 Peak 22:10:08 22:10:18 Peak 23:11 22:16 Wave  D0Y=72 End times Ha  D0Y=72 End times Cape 00:35 00:00 Impo 00:37 00:40 Cape Wave 00:19 01:25 Impo 01:17 01:31 Cape Wave 01:17 01:31 Cape Wave	3 788A : : 375A	Tot Cts=2467				
DOY=71 Peak 22:10 22:16 122:16 122:16 122:16 122:10 18 Peak 23:11 18 Peak 23:14 23:25 11:18 Peak 23:14 23:25 11:18 Peak 14avel 1007=72 11:00 11:19 101:25 11mpor 101:17 101:31 11mor 11mor 11mor 12mor 12mor 11mor 11mor 11mor 11mor 12mor 11mor	: 1 1 375A	EXP # -03336	MaxkeV=70 Rast=180"x1"	Step=0" P	Pitch=+3",Y	, Yaw=+2"
22:10 1	1 1 375A :		Pitch=+48", Yaw=+963"	+963", Roll=-20deg	20deg	H.Ang=85deg
DOY=71 SMM P Peak 23:11 23:41 Impor 23:09:52 23:11:18 Peak. 23:14 23:25 CaPea Wavel DOY=72 End times Ha 00:36 01:00 Impor 00:37 00:40 CaPea Wavel DOY=72 End times Impor 01:19 01:25 Impor 01:17 01:31 CaPea Wavel DOY=72 End times SMM P Peak End times Impor 01:17 01:31 CaPea Wavel		Tot Cts=273 Exp #=63590	MaxkeV=70 Rast=10"x10"	Flags=I Step=0" P	Pitch=+52",	, Yaw=+958"
DOY=72 End times Mavel  DOY=72 Impor			Pitch=+889", Yaw	, Yaw=-375", Roll=90deg	90deg	H.Ang=86deg
Wavel  177  186  187  188  189  189  189  189  199  199	s=70 Qual=01 5=70 Qual=01 5=63 Qual= 1	Tot Cts=741 FePeak=23:11	MaxkeV=70 FePeak.c/s=14	Flags=I #Peaks=1 d	t= 3.8s	XEN=807100
DOY=72 End times Ha  00:36 01:00 Impor O0:37 00:40 CaPea Wavel  DOY=72 End times Impor O1:19 01:25 Impor O1:17 01:31 CaPea Wavel  DOY=72 End times Ha	1=1375A Code=00	Exp #=63592	Rast=0"x0" Rast=10"x10"		Cad=4.10s 4 Pitch=+898",	4.096s/pixel ",Yaw=-370"
DOY=72 End times Ha  00:36 01:00 Impor 00:37 00:40 CaPea Wavel DOY=72 End times Impor 01:19 01:25 Impor 01:17 01:31 CaPea Wavel DOY=72 End times Ha	88/03/12	2 D0Y=72				
D07=72	ing: \$23E89		Pitch=+889",Yaw	, Yaw=-375", Roll=90deg	90deg	H.Ang=86deg
00:37 00:40 Import 00:37 00:40 CaPea D0Y=72 End times 01:19 01:25 Import 01:17 01:31 CaPea Wavel Wavel D0Y=72 End times Wavel		AR4964	Mac.=BX0	Carr.Lon.=321deg	21deg	H.Ang≖80deg
D0Y=72 SMM P Peak End times 01:19 01:25 Impor 01:17 01:31 CaPea Wavel D0Y=72 End times Ha	= C2	FePeak=00:39	FePeak.c/s=6		t= 7.7s	XEN=807210
D0Y=72 End times SMM P Peak 01:19 01:25 Impor 01:17 01:31 CaPea O1:17 01:31 Wavel Peak End times Ha	ength=1375A Code=02	Exp #=63597	Kast=0"x0" Rast=265"x265"	Step=0" C Step=5" P	Cad=1.02s Pitch=+55",	1.024s/p1xe1 Yaw=+975"
01:19 01:25 Impor 01:17 01:31 CaPea Wavel D0Y=72 End times Ha	ing:		Pitch=+49", Yaw=+971"	+971", Roll=-20deg	20deg	
DOY=72 SMM P Peak End times Ha	s=C2 Qual=01 s=44 Qual= 1	FePeak=01:07	FePeak.c/s=8			XEN=807207
DOY=72 Peak End times	1=1375A Code=00	Exp #=63602	Rast=0"x0" Rast=10"x10"	Step=0" C Step=0" P	Cad=4.10s Pitch=+62",	4.096s/p1xel ,Yaw=+948"
01.43 02.02	ing:		Pitch=+49", Yaw=	, Yaw=+971", Roll=-20deg	20deg	
	S=SF S24E84	AR4964	Mac.=BXO	Carr.Lon.=3	=318deg	H.Ang≐82deg
:10 02:13 02:57 CaPeak.c/s=100	_	FePeak=02:13	FePeak.c/s=8 Rast=25"x25"	#Peaks=1 d Sten=5" C	dt= 3.8s Cad=25.6s	XEN=807200
:30 Wavelength	ength=1375A Code=01	Exp #=63604	Rast=10"x10"		_	Yaw=+963"
2	ing:		Pitch=+49", Yaw=	, Yaw=+971", Roll=-	=-20deg	
7 02:26:35 02:26:47 Peak	c/s=72 Qual=01  ength=2788A	Tot Cts=227 Exp #=63606	MaxkeV=70 Rast=180"x1"	Flags=NS Step=0" P	Pitch=-73",	, Yaw=+892"

88/03/12,04:31	D0Y=7	<b>~</b> 1	SMM Pointing:	S23E88		Pitch=+48", Yaw	, Yaw=+963", Roll	, Roll=-20deg	H.Ang=85deg
Optical	L reak	ביום	HaClass=SF	\$21E84	AR4964	Mac.=BX0	Carr.Lon.=317deg	=317deg	H.Ang=82deg
BCS 04:25	25 04:30	04:43	Capeak.c/s=323	Qual= 1	FePeak=04:30	FePeak.c/s=58	#Peaks=1	dt= 3.8s	XEN=807201
UVSP 04:37	37		Wavelength=2788A	Code=02	Exp #=63610	Rast=180"x1"	Step=0"	cad=25.6s Pitch=-73"	1.0245/plxel ,Yaw=+892"
Event # = 21481 88/03/12,05:53	D0Y=7	† 1	SMM Pointing:	\$23E88		Pitch=+48", Yaw=+963", Roll=-20deg	=+963", Roll	=-20deg	H.Ang=85deg
60ES 05:4 BCS 05:5	1. reak 19 05:53 50 05:53	6:01 06:01 05:55	s Importance=Cl CaPeak.c/s=30	Qual=01 Qual= 1	FePeak=05:53	FePeak, c/s=8	#Peaks=1		XEN=807202
UVSP 06:10	0;		Wavelength=2788A		Exp #=63612	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-73"	1.U24s/pixe! ,Yaw=+892"
Event # = 21482 88/03/12,06:48	D0Y=7	١,,,	SMM Pointing:	S23E88		Pitch=+48", Yaw=+963", Roll=-20deg	=+963", Roll	=-20deg	H.Ang=85deg
GOES 06:3 BCS 06:5 FCS 06:5	11 06:48 34 06:54	07:07 07:07 06:58	s Importance=C2 CaPeak.c/s=23	Qual=05 Qual= 5	FePeak=06:55	FePeak.c/s=7	#Peaks=1	dt= 7.7s	
VSP 06:47	33		₩avelength=2788A	Code=00	Exp #=63613	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	cad=1.02s Pitch=-73",	1.U24s/plxel ,Yaw=+892"
Went # = 8 18/03/12,10	3744 3:23 DOY=72		SMM Pointing:	\$23E88		Pitch=+48", Yaw=+963", Roll=-20deg	=+963", Roll	=-20deg	H.Ang=85deg
GOES 10:21 HXRBS 10:23:10 UVSP 09:53	10:23 10:23	10:32 10:23:40	S Importance=C7 Peakc/s=54 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=188 Exp #=63617	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=-73",Yaw=+892"	,Yaw=+892"
Event # = 21483 88/03/12,10:56	1483 :56 DOY=72		SMM Pointing:	\$23E88		Pitch=+48", Yaw=	, Yaw=+963", Roll	, Roll=-20deg	H.Ang=85deg
GOES 10:4 BCS 10:5	6 10:56 2 10:55	11:06 10:58	<pre>Importance=C1 CaPeak.c/s=20</pre>	Qual=03 Qual= 1	FePeak=10:56	FePeak.c/s=11	#Peaks=1	dt= 0.1s	XEN=807206
VSP 10:53	<u>6</u>		Wavelength=2788A	Code=00	Exp #=63618	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s Pitch=-73",	U.256S/plxel ',Yaw=+892"
Event # = 8745 88/03/12,15:18 Start	745 :18 DOY=72 t Peak	End times				;			
otical OES 15:1	ļ	15:57	Ha Impor	\$23E/9 Qual=01	AR4964	Mac.=DSI	Carr.Lon.=316deg	=316deg	H.Ang=77deg
4XRBS 15:11 3CS 15:14 5CS 15:14	1:07 15:11:42 4 15:18	:42 15:16:48 15:35	Peakc/s=102 CaPeak.c/s=227	Qual=01 Qual= 1	Tot Cts=4910 FePeak=15:18	MaxkeV=129 FePeak.c/s=51	#Peaks=1	dt= 3.8s	XEN=807204
UVSP 15:3 Radio Fre	15:35 Frequency(MHz)/Flux(sfu)	/Flux(sfu):	Wavelength=2788A 2695/53 4995/41 8800/26	3800/26	Exp #=63624	Rast=180"x1"		cau=23.0s Pitch=-73",	1.0245/pixei ,Yaw=+892"

Event # = 21484 88/03/12,16:47 Start GOES 16:40 BCS 16:46	484 47 DOY=72 Peak 16:47 16:46	End times 16:58 16:47	Importance=B8 CaPeak.c/s=22	Qual=01 Qual= 8	FePeak=16:46	FePeak.c/s=9	#Peaks=1	l .	XEN=807205
, 16:20			Wavelength=2788A	Code=00	Exp #=63625	Kast=115"x115" Rast=243"x243"		cad=10635 Pitch=+55",	2.0485/p1xe1 ,Yaw=+975"
				88/03/13	3 D0Y=73				
Event # = 21485 88/03/13,20:41	485 41 DOY=73	4 H T	SMM Pointing:	S25E63		Pitch=+67",Yaw=	, Yaw=+854", Roll:	,Roll≖-20deg	H.Ang=62deg
Start cal		ES ES	HaClass=SF	\$25E68	AR4964	Mac.=DSI	Carr.Lon.=311deg	=311deg	H.Ang=67deg
GOES 20:33 BCS 20:37	20:41 20:41	20:49 20:42	Importance=B9 CaPeak.c/s=19	Qual=01 Qual= 4	FePeak=20:40	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=807300
20:36			Wavelength=1375A	Code=00	Exp #=63693	Rast=10"x10"	Step=0"	_	1.02+3/Pixel,
Event # = 8746 88/03/13,21:16	46 16 DOY=73		SMM Pointing:	S25E63		Pitch=+67", Yaw=	, Yaw=+854", Roll:	, Roll=-20deg	H.Ang=62deg
Start [ca]		ENG CIMES	Ha.	\$25E68	AR4964	Mac.=DSI	Carr.Lon.=311deg	=311deg	H.Ang=67deg
GOES 21:05 HXRBS 21:06: BCS 21:06	:17 21:16 :17 21:06:57 : 21:10	7 21:07:53 21:12	<pre>importance=L3 Peakc/s=144 CaPeak.c/s=112</pre>	(ual=02 (ual=01 (ual= 1	Tot Cts=1922 FePeak=21:10	MaxkeV=99 FePeak.c/s=20	#Peaks=1		XEN=807301
21:09	_		Wavelength=1375A	Code=01	Exp #=63697	Rast=25"x25" Rast=10"x10"	Step=5" Step=0"	Cad=25.65 Pitch=+41"	1.024s/plxel ,Yaw=+856"
Event # = 21 88/03/13,22:		4	SMM Pointing:	\$25E63		Pitch=+67", Yaw=+854", Roll=-20deg	=+854", Roll	=-20deg	H.Ang=62deg
60ES 22:07 BCS 22:08	22:08 22:08	22:09 22:09 22:09	Importance=Cl CaPeak.c/s=19	Qua]=04 Qua]= 4	FePeak=22:08	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=807302
, 22:06			Wavelength=1375A	Code=00	Exp #=63698	Rast=0"x0" Rast=265"x265"	Step=0	cau=1.02s Pitch=+75"	1.0245/pixel,
				88/03/14	4 D0Y=74				
Event # = 21488 88/03/14,01:20	488 20 D0Y=74	, + Pag	SMM Pointing:	S25E61		Pitch=+766",Yav	, Yaw=-353", Roll=90deg	1=90deg	H.Ang=61deg
		01:26	CaPeak.c/s=24	Qual=00 Qual= 4	FePeak=01:17	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=807400
FCS UVSP 01:06	10		Wavelength=2788A		Exp #=63705	Rast=U.xU Rast=180"x1"	Step=0 Step=0"	- <del></del> :	1.0245/pixe1 ", Yaw=-71"
Event # = 21 88/03/14,04	1489 46 DOY=74		SMM Pointing:	S25E59		Pitch=+70", Yaw=+825",	=+825", Roll	, Roll=-20deg	H.Ang=59deg
Start 60ES 04:35 BCS 04:36	04:46 04:40	04:50 04:55 04:55	Importance=Cl CaPeak.c/s=28	Qual=01 Qual= 1	FePeak=04:36	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=807401
05:16	10		Wavelength=2788A		Exp #=63710	Rast=U_XU Rast=180"x1"	Step=0 Step=0"	Pitch=-49",	1.0245/pixel

leg	72	i e .	leg	]	_ • × -	leg	4		leg	leg	<u>کر</u> آ	- xe	leg	96	- × -	leg	leg	71	ı X
H.Ang=59deg	XEN=807402	1.0245/p1xe1 ,Yaw=+747"	H.Ang=58deg	XEN=807403	1.U24s/p1xel ,Yaw=+745"	H.Ang=58deg	XEN=80740	1.0245/plxel ,Yaw=+741"	H.Ang=57deg	H.Ang≖48deg	XEN=807405	1.024s/plxel ,Yaw=+734"	H.Ang=57deg	XEN=80740	0.5125/plxel ',Yaw=+731"	H.Ang=55deg	H.Ang≂56deg	XEN=80740	1.0245/pixel ,Yaw=+704"
, Roll=-20deg	dt= 7.7s	cad=1.02s Pitch=-49"	, Roll=-20deg	dt= 7.7s	rad=1.02s Pitch=-49",	=-20deg	dt= 7.7s	rdu=1.028 Pitch=-48",	, Roll=-20deg	=324deg	dt= 3.8s	Cad=25.65 Pitch=-48",	=-20deg	dt= 0.1s	cad= 131S Pitch=-47"	, Roll=-20deg	=313deg	dt= 0.1s	Pitch=-42",
, Yaw=+825", Roll	#Peaks=1	Step=0"	, Yaw=+815", Roll	#Peaks=1	Step=0" Step=0"	, Yaw=+815", Roll=-20deg	#Peaks=2	Step=0"	, Yaw=+805", Roll	Carr.Lon.=324deg	#Peaks=1	Step=5" Step=0"	, Yaw=+805", Roll=-20deg	#Peaks=1		, Yaw=+784", Roll	Carr.Lon.=313deg	#Peaks=1	Step=0"
Pitch=+70", Yaw	FePeak.c/s=9	kast=0"x0" Rast=180"x1"	Pitch=+72", Yaw	FePeak.c/s=7	kast=U"XU" Rast=180"x1"	Pitch=+72", Yaw	FePeak.c/s=10	Rast=180"x1"	Pitch=+73", Yaw	Mac.=CSO	MaxkeV=100 FePeak.c/s=49	Kast=25"x25" Rast=180"x1"	Pitch=+73", Yaw	FePeak.c/s=8	Kast=240"X240" Rast=180"x1"	Pitch=+77", Yaw	Mac.=EAI	MaxkeV=70 FePeak.c/s=9	Rast=180"x1"
	FePeak=05:18	Exp #=63710		FePeak=05:58	Exp #=63711		, FePeak=06:52	Exp #=63712		AR4967	Tot Cts=537 FePeak=08:21	Exp #=63714		FePeak=09:06	Exp #=63715		AR4964	Tot Cts=776 FePeak=14:16	Exp #=63722
S25E59	Qual=03 Qual= 1	Code=02	S25E58	Qua]=01 Qua]= 5	Code=00	S25E58	Qua]=02 Qua]= 3	Code=00	\$25E57	\$21E48	Qual=03 Qual=01 Qual= 1	Code=02	\$25E57	Qual=06 Qual= 5		S25E54	\$26E56	Qual=01 Qual=01 Qual= 1	
SMM Pointing:	Importance=C1 CaPeak.c/s=33	Wavelength=2788A	SMM Pointing:	Importance=Cl CaPeak.c/s=20	Wavelength=2788A 245/77	SMM Pointing:	Importance=C1 CaPeak.c/s=39	Wavelength=2788A	SMM Pointing:	HaClass=1N	Importance=c9 Peakc/s=98 CaPeak.c/s=349	Wavelength=2788A	SMM Pointing:	CaPeak.c/s=41	Wavelength=2788A	SMM Pointing:	HaClass=SF	Importance-ci Peakc/s=81 CaPeak.c/s=34	Wavelength=2788A
+ + TO	05:21 05:20 05:20			06:03 06:03 06:05	lux(sfu):	1	End times 07:11 06:55			ũ	08:16:33 08:29		יים ביים	09:32		+ 700	2	14:23 14:14:04 14:19	
D0Y=74	05:10 05:10			05:58 05:59	)5:50 Frequency(MHz)/Flux(sfu)	D0Y=74	reak 06:52 06:52		D0Y=74	reak 00.00	08:16:25 08:21		DOY=74	90:60		DOY=74		14:13:25 14:16	
Event # = 21490 88/03/14,05:10	04:57 05:01	05:16	# = 21491 /14,05:58	35,56 05:56 05:58	O	#17	o6:44 06:30	06:50	Event # = 8747 88/03/14,08:22	al al	07:36 08:15:59 07:41	08:24	# = 21493 /14,09:05	3 1736	08:57	Event # = 8748 88/03/14,14:17	ງເສ ເ ສ] 14.11	14:11 14:13:04 14:15	14:41
Event 88/03	GOES	UVSP	Event 88/03/	GOES	rts UVSP Radio	Event 88/03/	GOES	UVSP	Event 88/03	Optic	HXRBS BCS O	Syn	Event 88/03/	GOES	UVSP	Event 88/03,	Optica	HXRBS BCS BCS	UVSP

Event # = 88/03/14,	t = 21494 14,16:34	D0Y=74		SMM Pointing:	S25E53		Pitch=+76", Yaw=+771"	=+771", Roll:	, Roll=-20deq	H.Ang=53deg	1
	Start	Peak	End times	HaClass=SF	\$30E56	AR4964	Mac.=EAI	Carr.Lon.=312deg	=312deg	H.Ang=57deg	
	16:18 16:57	16:34 16:57	16:5/ 17:10	Importance=U3 CaPeak.c/s=25	Qual=05 Qual= 5	FePeak=17:00	FePeak.c/s=7	#Peaks=1	dt= 0.1s	XEN=807408	
UVSP Radio S	16:48 Sweeps	-	Type/Intensity:	Wavelength=2788A III/1		Exp #=63725	kast=U`xU` Rast=180"x1"	Step=U" Step=O"	cad=1.02s Pitch=-40",	1.024s/p1xe1 ', Yaw=+693"	
Event # 88/03/1	Event # = 21495 88/03/14,22:20	DOY=74	pod + bag	SMM Pointing:	S25E49		Pitch=+86", Yaw=+740", Roll=-20deg	=+740", Roll:	=-20deg	H.Ang=50deg	
Optical	3tai t 22 - 17	22.20	22.31	HaClass=SF	\$27E53	AR4964	Mac.=EAI	Carr.Lon.=312deg	=312deg	H.Ang=54deg	
3855 3855 3855 3855 3855	22:18	22:19	22:21	CaPeak.c/s=34	Qual= 1	FePeak=22:18	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=807409 1.024s/pixel	
LC * O	07.77			Mavereily til=15/3A	code=00	Exp #=03/42	KdSt=10"X10"	srep=0"	Pltcn=+66",	Yaw=+/U1"	
Event # 88/03/1	Event # = 21496 88/03/14,23:23	D0Y=74	100 E	SMM Pointing:	S25E49		Pitch=+86", Yaw=+740", Roll=-20deg	=+740", Roll	=-20deg	H.Ang=50deg	ı
Optical	3tal t	72.22	כוות רווובי	HaClass=1N	\$27E55	AR4964	Mac.=EAI	Carr.Lon.=309deg	=309deg	H.Ang=56deg	
SCS S	23:14	23:15	23:49 00:02	Importance=L/ CaPeak.c/s=424	(ual=04 (ual= 4	FePeak=23:15	FePeak.c/s=61	#Peaks=1		XEN=807410	
	23:17			Wavelength=1375A	Code=00	Exp #=63744	Kast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=4.10s Pitch=+77",	4.096s/pixel ,Yaw=+726"	
					88/03/15	5 D0Y=75					
Event # 88/03/1	Event # = 21497 88/03/15,00:47 Start	DOY=75	Fnd +imes	SMM Pointing:	S25E48	I	Pitch=+88", Yaw=+729", Roll=-20deg	=+729", Roll:	=-20deg	H.Ang≈49deg	ļ
GOES	00:46	00:47	01:02	CaPeak.c/s=26	Qual=00 Qual= 5	FePeak=00:47	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=807510	
	90:39			Wavelength=2788A		Exp #=63750	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-32",	1.024s/pixel ',Yaw=+652"	
Event # = 8749 88/03/15,09:28	= 8749 5,09:28	DOY=75	Fod +	SMM Pointing:	S07W00		Pitch=+5", Yaw=.	, Yaw=-1", Roll=-4deg	leg	H.Ang=Odeg	1
Optical GOES (	3tal t 39:18	09:28	09:38	HaClass=SN Importance≃M3	\$23E46 Qual=03	AR4964	Mac.=EKI	Carr.Lon.≃313deg	≖313deg	H.Ang=47deg	
HXRBS Radio	09:22:21 09:26:02 09:33:57 Frequency(MHz)/Flux(sfu)	09:26:02 :y(MHz)/F	: 09:33:57 :lux(sfu):	c/s=557 5/34 4995/24	Qual=01 3800/68	Tot Cts=55810 15400/110	MaxkeV=160	Flags=M1			
Event # 88/03/1	Event # = 8751 88/03/15,10:49	D0Y=75		SMM Pointing:	S07W00		Pitch=+5", Yaw=-1", Roll=-4deg	-1", Roll=-40	deg	H.Ang=Odeg	ı
GOES HXRBS		10:49 10:49:44	10:58 10:50:12	Importance=Cl Peakc/s=67	Qual=01 Qual=01	Tot Cts=334	MaxkeV=70				
											ı

Event # 88/03/1 Optical GOES		D0Y=75 Peak 11:54	l GS	HaClass=1B Importance=M6	\$23E47 0ual=01	AR4964	Mac.=EKI	Carr.Lon.=310deg	=310deg	H.Ang=48deg
HXRBS Radio	11:47:00 Frequen	11:47:00 11:51:54 11:58:18 Frequency(MHz)/Flux(sfu)	ω	Peakc/s=944 00 8800/54 15400/110	Qual=01	Tot Cts=1.38E+5	MaxkeV=222	Flags=M1,NS,GB	NS, GB	
Event # 88/03/1	Event # = 8752 88/03/15,13:37 Start	DOY=75 Peak	End times	10 10 10	147400	8000				
Optical GOES HXRBS	13:25 13:24:07	13:37 13:28:13	14:06 13:34:58	HaClass=sk Importance=C6 Peakc/s=374	524E41 Qual=01 Qual=01	AR4964 Tot Cts=10775	Mac.=EK1 MaxkeV=190	Carr.Lon.=315deg	=315deg	H.Ang=43deg
Event #88/03/1	Event # = 21498 88/03/15,15:46	1		SMM Pointing:	S25E40		Pitch=+109", Yaw=+637", Roll=-20deg	/=+637", Rol	1=-20deg	H.Ang=42deg
GOES	Start 15:41 15:48	15:46 15:48	End times 15:58 15:52	Importance=C2 CaPeak.c/s=45	Qua]=04 Qua]= 5	FePeak=15:48	FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=807500
SS <sub>P</sub>	15:47			Wavelength=2788A	Code=02	Exp #=63751	Rast=25"x25" Rast=180"x1"	Step=5" Step=0"		1.024s/pixel ,Yaw=+565"
vent #	Event # = 21499 88/03/15,16:19	D0Y=75	7	SMM Pointing:	S25E40		Pitch=+109", Yaw=+637", Roll=-20deg	r=+637", Rol	1=-20deg	H.Ang=42deg
ptical	Stdrt 15.11	reak 16.10	S S	HaClass=1B	\$24E41	AR4964	Mac.=EKI	Carr.Lon.=314deg	=314deg	H.Ang=43deg
รูร	16:29	16:29	16:58	CaPeak.c/s=229	Qual= 5	FePeak=16:29	FePeak.c/s=23	#Peaks=1	dt= 3.8s	XEN=807501
VSP	16:28			Wavelength=1375A	Code=02	Exp #=63752	Kast=240"X240" Rast=265"X265"	Step=15" Step=5"	cad= 131S 0 Pitch=+118",	u.5125/p1xe! ",Yaw=+643"
vent # 8/03/1	Event # = 21500 88/03/15,20:11	D0Y=75		SMM Pointing:	\$25E38		Pitch=+115", Yaw=+617", Roll=-20deg	r=+617", Ro1	1=-20deg	H.Ang=41deg
GOES	20:06 20:09	20:11 20:10	20:12 20:12 20:12	Importance=Cl CaPeak.c/s=28	Qual=01 Qual= 1	FePeak≖20:10	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=807502
SS SS	20:11			Wavelength=1375A	Code=02	Exp #=63765	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+124",	1.024s/pixel ",Yaw=+620"
vent #	Event # = 21501 88/03/15,21:14	D0Y=75	+ +	SMM Pointing:	\$25E37		Pitch=+117", Yaw	, Yaw=+607", Rol	, Roll=-20deg	H.Ang=40deg
ptical	שוני			HaClass=1B	\$22E34	AR4964	Mac.=EKI	Carr.Lon.=318deg	=318deg	H.Ang=36deg
ວິດ	21:14	21:14	21:33	CaPeak.c/s=39	Qual= 5	FePeak=21:17	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=807503
UVSP Radio	21:11 Frequen	<pre>21:11 Frequency(MHz)/Flux(sfu):</pre>		Mavelength=1375A Exp #=63767 Rast=1 606/32 1415/19 2695/34 4995/55 8800/74 15400/47	595/34 499	Exp #=63767 35/55 8800/74 154	Rast=0 X0 Rast=265"x265" 400/47	Step=5"		100.05/ptxel ",Yaw=+614"

88/03/	88/03/15,22:47	D0Y=75		SMM Pointing:	S25E36		Pitch=+120", Yaw	', Yaw=+597", Rol]	, Roll=-20deg	H.Ang=39deg
Optica	start 1	r a X	End cilles	HaClass=1B	\$24E34	AR4964	Mac.=EKI	Carr.Lon.=317deg	=317deg	H.Ang=37deg
BCS SCS	22:45	22:47	23:32	CaPeak.c/s=54	Qual= 5	FePeak=22:47	FePeak.c/s=7	#Peaks=1	dt= 3.8s	XEN=807504
uvSP Radio	22:46 Frequen	22:46 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=1375A 410/20 606/56 14	15/110 269	elength=1375A	Rast=265"x265" 8800/170 15400/58	Step=5"	_	', Yaw=+604"
					88/03/16	5 D0Y=76				
Event 88/03/	Event # = 8758 88/03/16,00:58 Start	DOY=76 Peak	End times	SMM Pointing:	\$25E35		Pitch=+502", Yaw	, Yaw=-314", Rol	", Roll=90deg	H.Ang=38deg
Optica GOES HXRBS BCS	00:52 00:54:37 00:55		01:03 00:56:27 01:12	Importance=C4 Peakc/s=187 CaPeak.c/s=221	Qual=01 Qual=01 Qual= 1	Tot Cts=3014 FePeak=00:58	Mac.=FKI MaxkeV=100 FePeak.c/S=36	#Peaks=1	dt= 3.8s X	XEN=807618
UVSP	99:00			Wavelength=1375A	Code=00	Exp #=63784	Rast=10"x10"	=	Pitch=+454'	', Yaw=-281"
Event 88/03/	# = 8759 16,01:59	D0Y=76	4	SMM Pointing:	S25E34		Pitch=+128", Yaw=+574", Roll=-20deg	=+574", Rol	1=-20deg	H.Ang=37deg
GOES HXRBS BCS	Start GOES 01:53 HXRBS 01:53:36 BCS 01:56	Peak 01:59 01:53:58 01:58	02:07	Importance=C2 Peakc/s=73 CaPeak.c/s=59	Qual=01 Qual=01 Qual= 1	Tot Cts=592 FePeak=01:56	MaxkeV=70 FePeak.c/s=11		dt= 3.88	XEN=807600
HCS UVSP	01:56			Wavelength=2788A	Code=00	Exp #=63788	Kast=23"x23" Rast=243"x243"	Step=3"	cau=co.os Pitch=+134"	1.0245/pixei ", Yaw=+583"
Event 88/03/	Event # = 21503 88/03/16,02:56 Start	D0Y≖76 Peak	End times	SMM Pointing:	S25E34		28	,Yaw≕+574",Roll=-20deg	1=-20deg	H.Ang≈37deg
Optica GOES BCS	02:41 02:44	02:56 02:48	208	HaClass=1N Importance=M1 CaPeak.c/s=32	\$28E34 Qual=02 Qual= 1	AR4964 FePeak=02:47	Mac.=FHI FePeak.c/s=10	Carr.Lon.=315deg #Peaks=1 dt= 7.	7s	H.Ang=38deg XEN=807601
FCS UVSP	03:18			Wavelength=2788	, o	Exp #=63789	Rast=0"x0" Rast=180"x1	Step=0" Step=0"	Cad= 860s Pitch=+8",)	859.9s/pixel ,Yaw=+491"
. 885 - 855	03:28	03:31	03:46	ak.c/s=23	Qual= 4	FePeak=03:28	FePeak.c/s=6 Rast=0"x0"	ᄷᇎ	_0.1 =4.1	XEN=807602 4.096s/pixel
Event 88/03/	# = 8762 16,04:23	00Y=76	Fod + impo	SMM Pointing:	S25E33		Pitch=+129", Yaw=+561", Roll=-20deg	=+561", Ro1	1=-20deg	H.Ang=37deg
GOES HXRBS BCS	04:18 04:19:24 04:19	04:23 04:19:51 04:22	04:23:26 04:24	Importance=Ml Peakc/s=426 CaPeak.c/s=347	Qual=03 Qual=01 Qual= 2	Tot Cts=24834 FePeak=04:22	MaxkeV=129 FePeak.c/s=152	#Peaks=1 C+on=5=	dt= 0.1s	XEN=807616
SSA	04:20			Wavelength=2788A	Code=00	Exp #=63790	Rast=180"x1"		Pitch=+10",	Yaw=+484"

Event 88/03/	Event # = 8831 88/03/16,05:59	DOY=76	Fnd +imps	SMM Pointing:	S25E33		Pitch=+132", Yaw	, Yaw=+551", Rol	, Roll=-20deg	H.Ang=36deg
Optica	)     05.50		06.21		\$22E29	AR4964	Mac.=FHI	Carr.Lon.=318deg	=318deg	H.Ang=32deg
HXRBS BCS FCS	05:52:35 05:47	05:56:52 05:56	2 05:57:30 05:58	Peakc/s=586 CaPeak.c/s=528	Qual=03 Qual= 1	Tot Cts=46700 FePeak=05:56	MaxkeV=100 FePeak.c/s=246	Flags=I, El #Peaks=1	dt= 0.1s	XEN=807603
UVSP Radio	05:54 Frequen	cy (MHz)/F	05:54 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 2695/29 4995/31	Code=00 8800/52	) Exp #=63792 15400/33	kast=25"x25" Rast=180"x1"	Step=5" Step=0"	Cad=25.6S Pitch=+13"	1.024s/p1xel ,Yaw=+474"
Event # 88/03/16	# = 21505 16,06:36 Start	D0Y=76	Fnd times	SMM Pointing:	\$25E32		Pitch=+135", Yaw	, Yaw=+540", Roll	, Roll=-20deg	H.Ang=35deg
GOES BCS FCS	96:36	96:36	32	CaPeak.c/s=82	Qual=00 Qual= 2	FePeak=06:36	FePeak.c/s=9 Rast=0"x0"	#Peaks=2 Step=0"	dt= 0.1s Cad=4.10s	XEN=807617 4.096s/pixel
UVSP	06:28			Wavelength=2788A		Exp #=63793	Rast=180"x1"		Pitch=+14"	Yaw=+470"
Event # 88/03/1	= 8763 6,07:32	9V=76	4	SMM Pointing:	S25E32		Pitch=+135", Yaw=+540"	v=+540", Roll	, Roll=-20deg	H.Ang≃35deg
GOES HXRBS UVSP Radio	Start 07:27 07:27:23 07:27 Frequenc	Lart Feak End Lim 7:27 07:32 07:38 7:27:23 07:27:49 07:30:4 7:27 Frequency(MHz)/Flux(sfu)	L G	<pre>Importance=C4 Peakc/s=127 Wavelength=2788A 1415/10</pre>	Qual=01 Qual=01 Code=00	Tot Cts=3018 Exp #=63794	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=+16",Yaw=+463	Yaw=+463"
33/	# = 21506 16,08:17 Start	D0Y=76 Peak	End times	SMM Pointing:	S25E31		Pitch=+138", Yaw	, Yaw=+529", Roll	, Roll=-20deg	H.Ang=34deg
GOES BCS FCS UVSP	08:14 08:01	08:17	08:35	CaPeak.c/s=23 Wavelength=2788A	Qual=00 Qual= 4	FePeak=08:14 Exp #=63795	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+17",	XEN=807604 1.024s/pixel ', Yaw=+459"
Event # 88/03/1	t # = 8753 3/16,09:49	D0Y=76	1	SMM Pointing:	\$25E30		Pitch=+141", Yaw	.Yaw=+519".Roll=	=-20dea	H.Ana=34dea
ġ	t S	Peak	imes	HaClass=1N	\$22E29	AR4964	Mac.=FHI	Lo	316deg	H.Ang=32deg
HXRBS BCS FCS	09:45:22 09:45	09:47:15 09:49	09:51:57 10:09	Importance-ri Peakc/s=535 CaPeak.c/s=600	Qual=01 Qual=01 Qual= 1	Tot Cts=28806 FePeak=09:49	MaxkeV=160 FePeak.c/s=127	#Peaks=1	dt= 3.8s	XEN=807605
UVSP	09:35			Wavelength=2788A	Code=01	Exp #=63797	Rast=180"x1"	Step=0"	cau=/3./s Pitch=+20",	U. J125/ p1xel ', Yaw=+449"
Event # 88/03/1	= 8754 6,09:56 Start	DOY=76 Peak	End + imps	SMM Pointing:	S25E30		Pitch=+141", Yaw	, Yaw=+519", Roll=-20deg	=-20deg	H.Ang=34deg
GOES HXRBS BCS FCS	09:53 09:54:42 10:09	09:56 09:54:57 10:09	10:40 09:56:44 10:18	Importance=C6 Peakc/s=82 CaPeak.c/s=26	Qual=06 Qual=01 Qual= 5	Tot Cts=906 FePeak=10:09	MaxkeV=70 FePeak.c/s=6		dt= 7.7s	XEN=807606
UVSP	09:35			Wavelength=2788A	Code=01	Exp #=63797	Rast=0 x0 Rast=180"x1"	Step=0"	cad= 800s Pitch=+20",	660.45/p1xe1 Yaw=+449"

<u>-</u>	10:09	10:09	10:18	As CaPeak.c/s=26	Associated Qual= 5	Event # = 21507 FePeak=10:09	FePeak.c/s=6			XEN=807606
FCS UVSP	10:37			86		Exp #=63798	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad= 860s Pitch=+22",	860.4s/pixel Yaw=+442"
Event # = 88/03/16,	# = 8755 16, 11:46	D0Y=76	,	SMM Pointing:	\$25E29		Pitch=+144", Yaw	, Yaw=+508", Roll	, Roll=-20deg	H.Ang=33deg
	Start   	reak 1	nd times		\$25E29	AR4964	Mac.=FHI	Carr.Lon.=315deg	=315deg	H.Ang=33deg
GUES HXRBS UVSP	11:36 11:44:25 12:10	11:46 11:44:44	11:45:53	Importance=t3 Peakc/s=57 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=490 Exp #=63800	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+25",	, Yaw=+431"
Event # 88/03/1	# = 21508 16,11:58		+	SMM Pointing:	S25E29		Pitch=+144", Yaw	, Yaw=+508", Rol	, Roll=-20deg	H.Ang=33deg
GOES	Start 11:57 11:54	11:58 11:58 11:58	12:05 12:04	Importance=C1 CaPeak.c/s=27	Qual=01 Qual= 1	FePeak=11:59	FePeak.c/s=10	#Peaks=2	dt= 7.7s	XEN=807608
FCS UVSP	12:10			Wavelength=2788A		Exp #=63800	Kast=U"XU" Rast=180"x1"	Step=0" Step=0"	cad=4.10s Pitch=+25",	4.096s/plxel ",Yaw=+431"
Event # 88/03/1	# = 8760 16,13:30	9/=\00 450	+	SMM Pointing:	S25E28		Pitch=+147", Yaw=+497", Roll=-20deg	=+497", Rol	=-20deg	H.Ang=32deg
GOES HXRBS UVSP	3.47 t 13:21 13:28:55 13:45	13:30 13:29:03	13:29:18	Importance=C2 Peakc/s=78 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=199 Exp #=63802	MaxkeV=70 Rast=180"xl"	Step=0"	Pitch=+28"	, Yaw=+420"
Event # 88/03/1	# = 8761 16,13:46	00Y=76	1 C C C C C C C C C C C C C C C C C C C	SMM Pointing:	S25E28	**************************************	Pitch=+147", Yaw	, Yaw=+497", Rol	, Roll=-20deg	H.Ang=32deg
Optical		12.46	יות רווונג סיבס		S24E24		Mac.=FKI	Carr.Lon.=319deg	=319deg	H.Ang=29deg
HXRBS BCS BCS	13:33 13:43:05 13:01	13:40:09 13:44:09 13:45	13:44:41 13:49	Importance=c3 Peakc/s=55 CaPeak.c/s=129	Qual=01 Qual= 1	Tot Cts=472 FePeak=13:45	MaxkeV=70 FePeak.c/s=32	#Peaks=3	dt= 7.7s	XEN=807609
UVSP	13:45			Wavelength=2788A	Code=00	Exp #=63802	Rast=180"x1"	Step=0"	_	4.0905/pixel
Event # 88/03/16	# = 21509 16,14:29	D0Y=76	.,	SMM Pointing:	S25E28		Pitch=+147", Yaw	, Yaw=+497", Rol	, Roll=-20deg	H.Ang=32deg
ď	~-	r n	End times	HaClass=SF	\$24E25	AR4964	Mac.=FHI	Carr.Lon.	=318deg	H.Ang=29deg
BCS BCS S	14:27	14:29	14:54	CaPeak.c/s=64	Qual= 4	FePeak=14:30	FePeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=807610
UVSP	14:18			Wavelength=2788A		Exp #=63803	Rast=180"x1"	Step=0"	Pitch=+30"	Yaw=+416"
Event 88/03/	Event # = 21510 88/03/16,15:22	00Y=76	t pub	SMM Pointing:	\$25E28		Pitch=+151", Yaw	, Yaw=+487", Rol	, Roll=-20deg	H.Ang=32deg
Optica	)    5-19	7 .		HaClass=SF Importance=C2	\$22E26 0ual=03	AR4964	Mac.=FHI	Carr.Lon.	=316deg	H.Ang=29deg
ESS SSS	15:18	15:21	15:23	Capeak.c/s=48	(ual= 1	FePeak=15:21	FePeak.c/s=20 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=807611 1.024s/pixel
UVSP	15:18			Wavelength=2788A	Code=00	Exp #=63804	Rast=180"x1"	Step=0"	Pitch=+32"	

Detical 16:32 InnovataceMI Qual=65 Febrak=16:04 Gode 5 15:40 15:47 16:32 InnovatoreMI Qual=65 Febrak=16:04 Gode 5 15:01 Ferguency(MHz)/Flux(sfu): 1415/10 2695/19 4995/36 8800/70 15400/70	Pitch=+151", Yaw=+487"	7", Roll=-20deg	H.Ang=32deg
Capeak C.5=48 Qual=58  Cy(MHz)/Flux(sfu): 1415/10 2695/19 4995/36  Cy(MHz)/Flux(sfu): 1415/10 2695/19 4995/36  DOV=76 End times HaClass=SF S25E14  19:39 19:53 Importance=C7 Qual=01  19:37 19:43 PeakC/s=227 Qual=01  20:46 21:04 Capeak.c/s=44 Qual=05  20:46 21:04 Capeak.c/s=44 Qual=05  20:54 20:50 Importance=C4 Qual=05  20:54 20:50 Importance=C2 Qual=01  20:54:46 20:54:54 PeakC/s=74 Qual=01  22:45 23:35 Importance=C5 Qual=01  22:45 23:35 Importance=C5 Qual=01  22:45 23:35 Importance=C5 Qual=01  22:45 23:35 Importance=C5 Qual=01  22:44 23:03 PeakC/s=18 Qual=01  Wavelength=1375A Code=00  Wavelength=1375A Qual=01  Wavelength=13	Mac.=FHI Ca	Carr.Lon.=315deg	H.Ang≕31deg
Cy (MHz)/Flux(sfu): Wavelength=1375A  DOY=76  DOY=76  End times  HaClass=SF  S25E14  19:39  19:35  19:35  19:36:52  PeakC/s=182  Qual=01  19:37  19:39  19:53  Wavelength=1375A Code=02  DOY=76  End times  DOY=76  Wavelength=1375A Code=02  DOY=76  End times  DOY=76  Wavelength=1375A Code=02  DOY=76  End times  DOY=76  Wavelength=1375A Code=02  DOY=76  Wavelength=1375A Code=00  DOY=76  Wavelength=1375A Code=00  Wavelength=1375A Qual=01  Wavelength	FePeak.c/s=9 #Pe	#Peaks=1 dt= 3.8s	XEN=807612
DOY=76  DOY=76  End times  HaClass=SF S25E14  19:39  19:39  19:35  19:35  19:43  CaPeakC/s=182  Qual=01  DOY=76  Mavelength=1375A Code=00 Exp #  Mavelength=1375A Code=00 Exp #  DOY=76  DOY=76  DOY=76  End times  20:54:46 20:54:54  DOY=76  DOY=76  End times  DOY=76  Mavelength=1375A Code=02  Exp #  DOY=76  Mavelength=1375A Code=02  Exp #  DOY=76  Mavelength=1375A Code=00  Exp #  Mavelength=1375A Code=00  Exp #  Mavelength=1375A Code=00  Exp #  Mavelength=1375A Code=00  Mavelength=1375A Code=00  Mavelength=1375A Qual=01  Exp #  DOY=77  Mavelength=1375A Qual=01  DOY=77  Mavelength=1375A Qual=01  Exp #  Mavelength=1375A Qual=01  DOY=77  Mavelength=1375A Qual=01  Exp #  Mavelength=1375A Qual=01  DOY=77  Mavelength=1375A Qual=01  Exp #  DOY=77  Mavelength=1375A Qual=01  DOY=77  Mavelength=1375A Qual=01  Exp #  Mavelength=1375A Qual=01  Exp #  Mavelength=1375A Qual=01  DOY=77  Mavelength=1375A Qual=01  Exp #  Ex	kast=0.x0 Rast=265"x265"	Step=0" cad=4.10s Step=5" Pitch=+161"	4.090s/plxel ",Yaw=+488"
19:39 19:53 19:39 19:53 19:37 19:43 19:37 19:43 19:37 19:43  DOY=76  Mavelength=1375A Code=00 Exp # Wavelength=1375A Code=00 Exp # Wavelength=1375A Code=00 Exp # Wavelength=1375A Code=00 Exp # Wavelength=1375A Code=02 Exp # Wavelength=1375A Code=02 Exp # Wavelength=1375A Code=02 Exp # Wavelength=1375A Code=00 Exp #  DOY=76  SMM Pointing: S25E24  DOY=76  SMM Pointing: S25E24  DOY=76  SMM Pointing: S25E24  DOY=76  Wavelength=1375A Code=00 Exp # Wavelength=1375A Qual=01 Tot C	Pitch=+161", Yaw=+453"	3", Roll=-20deg	H.Ang=30deg
19:35:33 19:36:32	Mac.=FHI Ca	Carr.Lon.=326deg	H.Ang=22deg
DOY=76  DOY=76  End times  20:46  20:50  DOY=76  Wavelength=1375A Code=00 Exp #  Wavelength=1375A Code=02 Exp #  DOY=76  End times  DOY=76  End times  SMM Pointing: S25E24  Peak  20:59  20:54:46  20:54:46  End times  DOY=76  Wavelength=1375A Code=02 Exp #  DOY=76  SMM Pointing: S25E24  Peak  20:54:46  End times  DOY=76  SMM Pointing: S25E23  Peak  22:43:30  22:43:30  22:44:36  Peak  Wavelength=1375A Code=00 Exp #  Wavelength=1375A Code=00 Exp #  Wavelength=1375A Code=00 Exp #  CaPeak.c/s=118  Wavelength=1375A Code=00 Exp #  Wavelength=1375A Code=00 Exp #  Wavelength=1375A Qual=01 Tot C			XEN=807613
DOY=76  DOY=76  End times  20:41  20:50  Importance=C4  Qual=05  Exp #  Wavelength=1375A Code=02  Exp #  DOY=76  End times  20:54:46 20:54:54  Peak  End times  DOY=76  Wavelength=1375A Code=00  Exp #  DOY=76  Wavelength=1375A Code=00  Exp #  DOY=76  Wavelength=1375A Code=00  Exp #  End times  HaClass=SN  End times  HaClass=SN  End times  Wavelength=1375A Code=00  Wavelength=1375A Code=00  Exp #  Wavelength=1375A Qual=01  Exp #  BOY=77  SMM Pointing: \$25E23  Qual=01  For CaPeakC/s=71  Qual=01  Exp #  Ravelength=1375A  Qual=01  Exp #  Exp	Kast=25"x25" Ste Rast=10"x10" Ste	Step=0" Cad=25.bs Step=0" Pitch=+161"	1.024s/plxel ",Yaw=+410"
20:41	Pitch=+161", Yaw=+453"	3", Roll=-20deg	H.Ang=30deg
DOY=76 End times SMM Pointing: S25E24 Peak 20:54:46 20:54:54 Peakc/s=70 Qual=01 Tot C Wavelength=1375A Code=00 Exp # Javelength=1375A Qual=01 Tot C Wavelength=1375A Code=00 Exp # Javelength=1375A Code=00 Exp # Jave	FePeak.c/s=7 #Pe		XEN=807614
DOY=76 Peak 20:59 21:03 20:54:46 20:54:54 Peakc/s=70 20:54:46 20:54:54 Peakc/s=70 DOY=76 DOY=76 SMM Pointing: S25E23 Peak 22:45 22:43:30 22:44:36 Peakc/s=274 22:44 23:03 CaPeakc/s=274 Qual=01 Tot C 22:44 23:03 Wavelength=1375A Code=00 Exp # Wavelength=1375A Oual=01 DOY=77 SMM Pointing: S25E23 Peak Wavelength=1375A Qual=01 Force Wavelength=1375A DOY=77	<u>.</u>	Step=5" Cad=25.6s Step=5" Pitch=+171"	1.024s/pixel ",Yaw=+454"
20:59 2:10.0 mess   20:54.46   20:54.54   Peakc/s=70   Qual=01   Tot C   Wavelength=1375A   Code=00   Exp # Wavelength=1375A   Code=00   Exp # Wavelength=1375A   Code=00   Exp # Peak   End times   HaClass=SN   S23E22   A   22:43:30   S2:44:36   Peakc/s=274   Qual=01   Tot C   22:44   23:03   CaPeak.c/s=118   Qual=01   Tot C   22:36:36   22:37:00   Peakc/s=71   Qual=01   Tot C   Wavelength=1375A   Exp # Peak   End times   SMM Pointing:   S25E23   Qual=01   Tot C   Wavelength=1375A   Code=00   Exp # Peak   End times   Qual=01   Tot C   Wavelength=1375A   Qual=01   Tot C   Wavelength=1375A   Exp # Exp	Pitch=+164", Yaw=+44	,Yaw=+442",Roll=-20deg	H.Ang=29deg
D0Y=76 SMM Pointing: S25E23 Peak End times HaClass=SN S23E22 A 22:45 23:35 Importance=C5 Qual=03 Tot C 22:44 23:03 CaPeakC/s=718 Qual=1 FePea Wavelength=1375A Code=00 Exp # Wavelength=1375A Code=00 Exp # 4 22:36:36 22:37:00 PeakC/s=71 Qual=01 Tot C Wavelength=1375A Exp # SMM Pointing: S25E23 Peak End times Qual=00 Tot C Wavelength=1375A Qual=01 Tot C Wavelength=1375A Qual=01 Tot C Wavelength=1375A Qual=01 Tot C	MaxkeV=70 Rast=10"x10" Ste	Step=0" Pitch=+133"	', Yaw=+411"
22:45	Pitch=+167", Yaw=+431"	1", Roll=-20deg	H.Ang=29deg
22:43	Mac.=FHI Car	Carr.Lon.=316deg	H.Ang=26deg
Wavelength=1375A Code=00 Exp # 4 22:36:36 22:37:00 Peakc/s=71 Qual=01 Tot C Wavelength=1375A 88/03/17 Di 5 DOY=77 SMM Pointing: S25E23 Peak End times Qual=00 Tot C Wavelength=1375A Qual=01 Tot C Wavelength=1375A Qual=01 Tot C	MaxkeV=190 FePeak.c/s=24 #Pe	#Peaks=3 dt= 0.1s	XEN=807615
72:36:36 22:37:00 Peakc/s=71 Qual=01 Tot C Wavelength=1375A Exp # Exp # B00:26:43 00:27:10 Peakc/s=77 Qual=01 Tot C Mavelength=1375A Exp # Exp	Rast=25"x25" Rast=10"x10"	Step=5" Cad=25.6s 1 Step=0" Pitch=+142",	V. 02.
88/03/17 1 D0Y=77 SMM Pointing: S25E23 Peak End times Qual=00 19 00:26:43 00:27:10 Peakc/s=77 Qual=01 Tot Wavelength=1375A Exp	MaxkeV=70 Rast=265"x265"	Step=5" Pitch=+175"	., Yaw=+440"
DOY=77 SMM Pointing: S25E23  Peak End times Qual=00 9 00:26:43 00:27:10 Peakc/s=77 Qual=01 Tot Wavelength=1375A Exp			
9 00:26:43 00:27:10 Peakc/s=77 Qual=00 Havelength=1375A Exp	Pitch=+171", Yaw=+419"	9", Roll=-20deg	H.Ang=28deg
	MaxkeV=70 Rast=265"x265" Ste	Step=5" Pitch=+179	Pitch=+179",Yaw=+427"

Event # = 215 88/03/17,01:3	.513 .32 D0Y=77		SMM Pointing:	\$25E22		Pitch=+175", Yaw	, Yaw=+408", Rol	, Roll=-20deg	H.Ang=27deg
Start tical	reak	-	Class=SF	\$23E17	AR4964	Mac.=FKI	Carr.Lon.=320deg	=320deg	H.Ang=23deg
BCS 01:29	01:30	01:34	Importance=Li CaPeak.c/s=23	(ual=01 (ual= 4	FePeak=01:30	FePeak.c/s=8	#Peaks=1		XEN=807700
SP 01:28			Wavelength=1375A	Code=00	Exp #=63838	Rast=10"x10"	Step=0"	ğ	1.02+3/place
Event # = 8774 88/03/17,02:17	7 DOY=77	+	SMM Pointing:	\$25E22		Pitch=+175", Yaw	, Yaw=+408", Rol	, Roll=-20deg	H.Ang=27deg
٠	reak	בוות רווובא	HaClass=SF	S23E18	AR4964	Mac.=FKI	Carr.Lon.=318deg	=318deg	H.Ang=23deg
GUES UZ:U3 HXRBS 02:05:09 BCS 02:08	09 02:17 02:10:44 02:17	02:11:03 02:21	<pre>Importance=U3 Peakc/s=113 CaPeak.c/s=100</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=2174 FePeak=02:08	MaxkeV=100 FePeak.c/s=18	#Peaks=1	dt= 7.7s	XEN=807701
SP 02:16			Wavelength=1375A	Code=00	Exp #=63843	Rast=265"x265"	Step=5"		1.0245/plxel ', Yaw=+414"
Event # = 8775 88/03/17,03:29	5 9 DOY=77		SMM Pointing:	\$25E21		Pitch=+178", Yaw	, Yaw=+396", Rol	, Roll=-20deg	H.Ang=27deg
Start tical	_	E S	HaClass=SF	\$23E16	AR4964	Mac.=FKI	Carr.Lon.=320deg	=320deg	H.Ang=22deg
GOES 03:19 HXRBS 03:20: BCS 03:24	03:29 :47 03:21:39 03:28	03:39 03:21:54 03:52	Importance=C3 Peakc/s=72 CaPeak.c/s=101	Qual=03 Qual=01 Qual= 1	Tot Cts=554 FePeak=03:27	MaxkeV=70 FePeak.c/s=15	#Peaks=1	dt= 3.85	XEN=807702
SP 03:20			Wavelength=1375A	Code=00	Exp #=63848	Rast=10"x10"	Step=0"		", Yaw=+329"
Event # = 8769 88/03/17,05:29	9 DOY=77		SMM Pointing:	S25E20		Pitch=+182", Yaw	, Yaw=+385", Rol	, Roll=-20deg	H.Ang=26deg
start tical Es 05.24		7 CIIIES	HaClass=SF	\$22E21	AR4964	Mac.=FKI	Carr.Lon.=313deg	=313deg	H.Ang=25deg
HXRBS 05:25: UVSP 05:25	:30 05:27:53	05:28:35	Peakc/s=151 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=5915 Exp #=63854	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+63",	, Yaw=+307"
Event # = 8770 88/03/17,07:43	3 DOY=77		SMM Pointing:	S25E18		Pitch=+189", Yaw	, Yaw=+361", Roll=-20deg	1=-20deg	H.Ang=25deg
Start tical	ž (	Erid tilles	HaClass=SF	\$23E15	AR4964	Mac.=FKI	Carr.Lon.=318deg	=318deg	H.Ang=21deg
GUES 07:39 HXRBS 07:39:45 UVSP 07:33	45 07:40:00	07:40:31	Importance=cz Peakc/s=67 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=352 Exp #=63857	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+68",	, Yaw=+291"
ent # = 877 /03/17,08:3	-2	4	SMM Pointing:	\$25E18		Pitch=+189", Yaw	, Yaw=+361", Roll=-20deg	1=-20deg	H.Ang=25deg
GOES 08:24 HXRBS 08:25: UVSP 08:33	08:32 08:26:2	08:39 5 08:27:03	Importance=Cl Peakc/s=88 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=727 Exp #=63858	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+70", Yaw=+284	, Yaw=+284"

Event #88/03/	# = 8772 17,10:58	1		SMM Pointing:	\$25E17		Pitch=+197", Yav	, Yaw=+338", Roll	, Roll=-20deg	H.Ang=24deg
XRB VSP adjo	Start 10:51 5 10:53:54 10:40 Frequen	reak 10:58 10:55:26 cy(MHz)/F		Importance=M3 Peakc/s=1463 Wavelength=2788 1415/59 2695/12	Qual=01 Qual=01 Code=01 4995/130	Tot Cts=1.62E+5 Max Exp #=63861 Ra 8800/140 15400/90	MaxkeV=190 Rast=180"x1" 30	Flags=M5 Step=0"	Pitch=+75"	, Yaw=+268"
HXRBS	11:04:43	11:05:25	11:05:53	As Peakc/s=66	Associated Qual=01	<pre>Event # = 8//3 Tot Cts=679</pre>	MaxkeV=70	1 1 1 1	1 1 1 1	1 1 1 1 1 1
Event #88/03/	t # = 21515 3/17,15:58 c+art	D0Y=77	i,	SMM Pointing:	S25E14		Pitch=+208", Yav	, Yaw=+304", Roll:	I=-20deg	H.Ang=22deg
GOES	3587 t 15:36 15:44	15:58 15:44	16:25 15:51	Importance=Cl CaPeak.c/s=19	Qua]=03 Qua]= 4	FePeak=15:45	FePeak.c/s=10		dt= 0.1s	XEN=807703
UVSP	16:25			Wavelength=2788A		Exp #=63868	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+89"	1.024s/pixel ,Yaw=+226"
Event 88/03/	Event # = 21516 88/03/17,17:31	D0Y=77		SMM Pointing:	S25E13		Pitch=+211", Yav	, Yaw=+292", Roll	, Roll=-20deg	H.Ang=22deg
Optical	3tai t 1 17.22		7.41	HaClass=SF	\$25E13	AR4964	Mac.=FKI	Carr.Lon.=	-315deg	H.Ang=22deg
BCS FCS	17:12	17:29	17:34	Capeak.c/s=40	Qual= 2	FePeak=17:29	FePeak.c/s=11			XEN=807704
UVSP	17:09			₩avelength=2788A	Code=00	Exp #=63870	Rast=0 x0 Rast=243"x243"	Step=0. Step=3"	cad= 5145 Pitch=+219'	., Yaw=+303"
Event # = 88/03/17,	# = 8776 17, 18:50	D0Y=77	+	SMM Pointing:	\$25E12		Pitch=+215", Yaw	, Yaw=+278", Roll:	=-20deg	H.Ang=21deg
Optica	J.a. 1	10.ED	10.01	Ha.	\$23E10	AR4964	Mac.=FKI	Carr.Lon.=317deg	-317deg	H.Ang=19deg
HXRBS BCS BCS	18:46:20 18:48	18:47:12 18:49	18:48:38 19:11	Peakc/s=81 CaPeak.c/s=67	Qual=01 Qual=01 Qual= 1	Tot Cts=2405 FePeak=18:49	MaxkeV=70 FePeak.c/s=22			XEN=807705
UVSP	18:45			Wavelength=1375A	Code=00	Exp #=63872	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad= 514s 5 Pitch=+210",	513.5s/pixel ",Yaw=+214"
Event # 88/03/1	Event # = 21517 88/03/17,21:01 Start	D0Y=77	End +imac	SMM Pointing:	S25E12		Pitch=+220", Yaw	, Yaw=+268", Roll	, Roll=-20deg	H.Ang=21deg
Optical GOES	ا 20:47		 26	HaClass=SB Importance=M2	\$23E07 0ual=02	AR4964	Mac.=FKI	Carr.Lon.=	=319deg	H.Ang=17deg
BCS FCS	20:18	20:48	20:50	CaPeak.c/s=93	Qual= 2	FePeak=20:48	FePeak.c/s=19	#Peaks=1	dt= 3.8s	XEN=807706
UVSP Radio	20:17 Frequency(MHz)/	cy(MHz)/F	Flux(sfu):	Wavelength=1375A 245/77 2695/16 49	Code=( 995/34	)1 Exp #=63876 8800/25	Rast=265"x265"		cau-23.03 Pitch=+227	1.0245/pixel ',Yaw=+279"
Event # = 877 88/03/17,22:3	t = 8777 17,22:35 Start	DOY=77	Fnd + impo	SMM Pointing:	S25E11		Pitch=+224", Yaw	, Yaw=+256", Roll	, Roll=-20deg	H.Ang=21deg
Optical	) 2 cul c	22.35	3	HaClass=SF	\$23E07	AR4964	Mac.≖FKI	Carr.Lon.=318deg	318deg	H.Ang=17deg
HXRBS BCS FCS	22:25:43 21:48	22:28:19 22:28	22:28:58 22:38:58	Peakc/s=89 CaPeak.c/s=101	Qual=01 Qual=3 Qual= 3	Tot Cts=2459 FePeak=22:28	MaxkeV=70 FePeak.c/s=19		dt= 3.8s	XEN=807707
uvsp	23:13			Wavelength≈2788A		Exp #=63878	Kast=25"X25" Rast=180"x1"	Step=5" Step=0"	cad=25.6s 1 Pitch=-121",	1.U24s/p1xe! ",Yaw≈-71"

Event # = 8778 88/03/17,23:44	D0Y=77		SMM Pointing:	S07W00		Pitch=-7", Yaw=-1"	-1", Roll=-12deg	2deg	H.Ang=Odeg
, , , ,	reak	<u>.</u>	HaClass=SF	\$23E05	AR4964	Mac.=FKI	Carr.Lon.=319deg	=319deg	H.Ang≕17deg
GUES 23:39 HXRBS 23:38:41 BCS 23:41	8 23:39:0 23:44	6 23:43:04 23:59	importance=cs Peakc/s=104 CaPeak.c/s=64	Qual=01 Qual=01 Qual= 1	Tot Cts=1075 FePeak=23:44	MaxkeV=100 FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=807718 513 55 (213.03)
UVSP 23:13			Wavelength=2788A		Exp #=63878	Rast=180"x1"	Step=0 Step=0"	cau= 3145 Pitch=-121	", Yaw=-71"
			Annual Control of the	88/03/18	8 D0Y=78				
Event # = 8/79 88/03/18,01:24 Start			SMM Pointing:	S07W00		Pitch=+0", Yaw=+	,Yaw=+0",Roll=-1deg	qeg	H.Ang=Odeg
GOES 01:21 HXRBS 01:20:55 UVSP 01:47	01:24 3 01:21:1	^	Importance=B8 Peakc/s=88 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=363 Exp #=63879	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=-121"	", Yaw=-71"
Event # = 8780 88/03/18,03:39	DOY=78	00 E;+	SMM Pointing:	S07W00		Pitch=-4", Yaw=-6"	-6", Roll=20deg	qeg	H. Ang=Odeg
Ŕ	אם כ	בי בי בי	HaClass=SF	\$23E04	AR4964	Mac.=FKI	Carr.Lon.=318deg	=318deg	H.Ang=16deg
GOES 03:16 HXRBS 03:15:5 BCS 04:04	03:39 3 03:16:2 04:05	04:13 6 03:20:15 04:24	importance=uz Peakc/s=66 CaPeak.c/s=33	Qual=01 Qual=01 Qual= 5	Tot Cts=1051 FePeak=04:05	MaxkeV=70 FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=807800
UVSP 03:22			Wavelength=2788A	Code=01	Exp #=63881	Rast=180"x1"	Step=0"	Pitch=-121	", Yaw=-71"
Event # = 21519 88/03/18,10:07	9 007=78	F. +	SMM Pointing:	\$25E06		Pitch=+248", Yaw=+184", Roll=-20deg	w=+184", Ro]	1=-20deg	H.Ang=19deg
Optical	5	, E	HaClass=IN	\$24E04	AR4964	Mac.=FKI	Carr.Lon.=315deg	=315deg	H.Ang≐17deg
BCS 10:20	10:21	10:30	CaPeak.c/s=60	Qual= 4	FePeak=10:21	FePeak.c/s=15 Das+=240"×240"	#Peaks=1	dt= 3.8s X	XEN=807801
rts UVSP 10:21 Radio Freque	0:21 Frequency(MHz)/Flux(s	Flux(sfu):	Wavelength=1375A 1415/22 2695/82 4	4995/23	Exp #=63914	Rast=265"x265"		Pitch=+265	0.51£3/pixer ",Yaw=+1/1"
Event # = 21520 88/03/18,11:21		- +	SMM Pointing:	\$25E04		Pitch=+258",Yav	, Yaw=+159", Rol	, Roll=-20deg	H.Ang=18deg
GOES 10:56 BCS 11:08	11:21 11:16 11:16	11:33 11:18	Importance=Cl CaPeak.c/s=32	Qual=02 Qual= 1	FePeak=11:11	FePeak, c/s=16	#Peaks=1	dt= 7.7s	XEN=807802
FCS UVSP 11:16			Wavelength=1375A	Code=01	Exp #=63921	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=4.10s 4 Pitch=+274",	4.096s/p1xel ",Yaw=+212"
Event # = 2152 88/03/18,11:42	21 2 DOY=78		SMM Pointing:	S25E04		Pitch=+258", Yav	, Yaw=+159", Roll=-20deg	1=-20deg	H.Ang=18deg
Optical	ָט ר ע	, 6	HaClass=SF	\$26E02	AR4964	Mac.=FKI	Carr.Lon.=316deg	=316deg	H.Ang≈19deg
GUES 11:53 BCS 11:54	11:55	12:28	Importance=t3 CaPeak.c/s=32	Qual=03	FePeak=11:58	FePeak.c/s=16		dt= 7.7s X	XEN=807803
HCS UVSP 11:56			Wavelength=1375A		Exp #=63922	Rast=0 x0 Rast=265"x265"	Step=0 Step=5"	cad=1.028 Pitch=+269	", Yaw=+159"

Event #88/03/1	; # = 21522 3/18,12:35			SMM Pointing:	S25E03		Pitch=+261",Yaw	, Yaw=+145", Rol	, Roll=-20deg	H.Ang=18deg
GOES	Start 12:28 12:31	12:35 12:35	12:55 12:46	Importance=C2 CaPeak.c/s=22	Qual=01 Qual= 4	FePeak=12:43	FePeak.c/s=15		dt= 7.7s X	XEN=807804
	12:33			Wavelength=1375A	Code=00	Exp #=63927	Rast=0"x10"	Step=0"	cdd=1.028 Pitch=+263	1.024s/plxel ",Yaw=+222"
Event #88/03/1	; # = 12766 8/18,16:25	D0Y=78	↑	SMM Pointing:	\$25E01		Pitch=+271", Yaw	, Yaw≕+123", Roll=-20deg	1=-20deg	H.Ang=18deg
HXRBS UVSP	3tart 16:24:55 16:38	16:25:02	16:25:17	Peakc/s=64 Wavelength=1375A	Qual=01	Tot Cts=271 Exp #=63940	MaxkeV=359 Rast=265"x265"	Flags=NS,( Step=5"	Flags=NS,GB Step=5" Pitch=+17",Yaw=-285	, Үам=-285"
Event # = 88/03/18,	# = 21523 18, 19:45	D0Y=78	the part of the pa	SMM Pointing:	S25W00		Pitch=+280", Yaw	, Yaw=+96", Roll=	, Roll=-20deg	H.Ang=18deg
Optical	Jtaf t 10.22	10.4E	ניוועט	HaClass=SF	\$23W05	AR4964	Mac.=FKI	Carr.Lon.=318deg	=318deg	H.Ang=17deg
BCS SCS	19:45	19:45	19:48		Qual= 5	FePeak=19:45	FePeak.c/s=7	#Peaks=1	dt= 0.1s	XEN=807805
UVSP	19:46			Wavelength=1375A	Code=02	Exp #=63948	Rast=265"x265"	Step=5"		", Yaw=+99"
					88/03/19	00Y=79				
Event # 88/03/19	# = 21524 19,14:57 Stant	D0Y=79	Cod +imos	SMM Pointing:	S25W11		Pitch=+338", Yaw	,Yaw=-56",Roll=	,Roll=-20deg	H.Ang=21deg
ď	3tal t 18.48	14.57	2.0 LINES	HaClass=SF	\$27W06	AR4964	Mac.=FKI	Carr.Lon.=309deg	=309deg	H.Ang=21deg
BCS.	14:50	14:55	15:29		Qual= 3	FePeak=14:51	FePeak.c/s=10	#Peaks=1	dt= 0.1s	XEN=807900
	14:28			Wavelength=2788A		Exp #=64009	Rast=180"x1"		Pitch=+217	1.02+3/pixel
Event # 88/03/1	9,23:05		4	SMM Pointing:	S25W14		Pitch=+353", Yaw=-105", Roll=-20deg	=-105", Rol	=-20deg	H.Ang=22deg
GOES HXRBS BCS	23:05 23:05:44 23:05:44	23:05 23:02:57 23:05	23:11 23:03:48 23:09	<pre>Importance=C1 Peakc/s=70 CaPeak.c/s=22</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=368 FePeak=23:05	MaxkeV=70 FePeak,c/s=9		dt= 0.1s	XEN=807901
SSS PSS PSS PSS PSS PSS PSS PSS PSS PSS	23:03			Wavelength=1375A	Code=00	Exp #=64035	Kast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.025 1 Pitch=+359",	1.024s/p1xel ',Yaw=-26"
	4444				88/03/20	D0Y=80				
Event # 88/03/2	# = 21525 /20,00:11	D0Y=80		SMM Pointing:	S25W14		Pitch=+353",Yaw	, Yaw=-105", Roll	, Roll≃-20deg	H.Ang=22deg
- 65	] Jean L	8		HaClass=SF	\$26W13	AR4964	Mac.=FKI	Carr.Lon.=311deg	=311deg	H.Ang=23deg
SSS.	23:59	00:11	00:43	CaPeak.c/s=51	Qual= 5	FePeak=00:02	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s Cad=4.10s	dt= 3.8s XEN=807910 Cad=4.10s 4.096s/pixel
UVSP	00:03			Wavelength=1375A		Exp #=64037	Rast=130"x130"	Step=5"	Pitch=+372	', Yaw=-43"

Event # = 8782 88/03/20,13:24		:	SMM Pointing:	S25W22		Pitch=+398", Yaw=	, Yaw=-208", Roll	, Roll=-20deg	H.Ang=28deg	1
Start GOES 13:19 HXRBS 13:17:51 UVSP 13:24	Peak 13:24 51 13:19:54	End times 13:52 .13:24:17	Importance=C4 Peakc/s=195 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=12339 Exp #=64071	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=+281",Yaw=-30"	', Үаw≖-30"	
		nd times	SMM Pointing: HaClass=SN	\$25W24 \$27W21	AR4964	Pitch=+409",Yaw= Mac.=FKI	,Yaw=-229",Roll=-20de Carr.Lon.=310deg	Roll=-20deg	H.Ang=29deg H.Ang=28deg	
GOES 15:34 HXRBS 15:38:46 BCS 15:40 FCS	15:4/ 6 15:40:39 15:44	15:44:09 16:37	importance=C5 Peakc/s=107 CaPeak.c/s=365	Qual=04 Qual=01 Qual= 1	Tot Cts=8449 FePeak=15:43	MaxkeV=70 FePeak.c/s=66 Rast=0"x0"	-	dt= 3.8s X Cad=1.02s 1	XEN=808000 1.024s/pixel	
UVSP 15:34 Radio Frequency(	>	(MHz)/Flux(sfu):	Wavelength=2788A 2695/24 4995/41 8	Code=01 8800/25 1!	\text{Code=01} Exp #=64074 8800/25 15400/23	Rast=180"x1"		Pitch=+288"	', Yaw=-44"	
Event # = 21526 88/03/20,18:36 Start	6 D0Y=80	End times	SMM Pointing:	S25W25		Pitch=-369", Yaw=	, Yaw=-305", Roll	, Roll=90deg	H.Ang=30deg	
Optical Coffs 18:13	Š		HaClass=SF	\$27W25	AR4964	Mac.=FKI	Carr.Lon.=313deg	:313deg	H.Ang=31deg	
BCS 18:48 FCS 18:49 UVSP 18:49	18:49	19:20	CaPeak.c/s=36		FePeak=18:48 Exp #=64084	FePeak.c/s=7 Rast=0"x0" Rast=200"x200"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+426",	XEN=808001 1.024s/pixel ",Yaw=-238"	
				88/03/21	1 DOY=81					Ţ
Event # = 8784 88/03/21,00:34	D0Y=81	i	SMM Pointing:	S25W28		Pitch=+433", Yaw=	,Yaw=-285",Roll=-20deg	=-20deg	H.Ang=32deg	
Start Optical		mes.	HaClass=SF	S34E83	AR4974	Mac.=BX0	Carr.Lon.=201deg	201deg	H. Ang=80deg	
GUES 00:15 HXRBS 00:15:45 UVSP 00:26	00:34 5 00:18:09	01:26 00:20:55	Importance=Cb Peakc/s=93 Wavelength=1375A	Qual=00 Qual=11 Code=01	Tot Cts=2328 Exp #=64115	MaxkeV=70 Rast=10"x10"	Flags=M1,I Step=0"	Flags=M1,IS,DG Step=O" Pitch=+444"	', Yaw=-278"	
Event # = 8786 88/03/21,01:36		1	SMM Pointing:	S25W29		Pitch=+438", Yaw=	, Yaw=-295", Roll	, Roll=-20deg	H.Ang=33deg	
Start GOES 01:30 HXRBS 01:32:01 BCS 01:33	Peak 01:36 11 01:32:15 01:34	End times 02:19 01:32:36 01:43	Importance=C2 Peakc/s=67 CaPeak.c/s=26	Qual=01 Qual=01 Qual= 1	Tot Cts=384 FePeak=01:33	MaxkeV=70 FePeak.c/s=8		dt= 7.7s	XEN=808100	
UVSP 01:25	8 01:30:22 (	1:30:40	Wavelength=1375A As Peakc/s=59	5A Code=00 Associated Qual=01	Exp #=64119 Event # = 8785 Tot Cts=69	Rast=130"x130" Rast=130"x130" MaxkeV=70	Step=5	cdd=1.02s 1 Pitch=+452", 	1.024s/pixel ",Yaw=269" 	ı
Event # = 8787 88/03/21,09:11	D0Y=81	End times	SMM Pointing:	S25W33		Pitch=+456", Yaw=-336"	336", Roll	, Roll=-20deg	H.Ang=36deg	İ
GOES 35 EN 11:26 HXRBS 09:11:26 UVSP 08:49	9	09:11	Peakc/s=53 Wavelength=2788A	Qual=06 Qual=01	Tot Cts=191 Exp #=64142	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+338"	',Yaw=-158"	

Event # = 21527 88/03/21,16:53		D0Y=81		SMM Pointing:	S25W37		Pitch=+482",Yaw	, Yaw=-390", Roll	, Roll=-20deg	H.Ang=40deg	I
Optical			E S		\$27W32	AR4964	Mac.=FKO	Carr.Lon.=307deg	=307deg	H.Ang=36deg	
BCS 16:46		16:51 16:51	17:12	CaPeak.c/s=46	Qual=04	FePeak=16:48	FePeak.c/s=10	_	dt= 3.8s	XEN=808101	
91	:51			Wavelength=1375A	Code=00	Exp #=64153	Rast=130"x130"	Step=5"		1.0243/ PIXEL , Yaw=-325"	
Event # = 21528 88/03/21,21:27		D0Y=81		SMM Pointing:	S25W39		Pitch=+491", Yaw	, Yaw=-410", Roll=-20deg	1=-20deg	H.Ang=42deg	1
Optical			E E	HaClass=SF	\$24W38	AR4964	Mac.=FKO	Carr.Lon.=311deg	=311deg	H.Ang≖4Odeg	
BCS 21:27	27 21:28	- m	21:39 21:38		Qual= 5	FePeak=21:28	FePeak.c/s=10	#Peaks=1	dt= 3.8s X	XEN=808102	
$\Xi$	:28			Wavelength=1375A	Code=02	Exp #=64167	Rast=200"x200"		Pitch=+502"	, Yaw=-405"	
					88/03/22	2 D0Y=82					1
Event # = 88/03/22,0	8790 7:19 DO\	0.1	omi+ bal	SMM Pointing:	S25W44		Pitch=+517", Yaw=-462", Roll=-20deg	=-462",Roll	] =-20deg	H.Ang=46deg	
S A	07: 13:25 07: 15:	07:14:44	:34	Importance=C2 Peakc/s=1604 Wavelength=2788	Qual=01 Qual=01	Tot Cts=1352 Exp #=64208	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+401"	, Үаw=-289"	
HXRBS 07:0	07:07:01 07: 06:47	07:07:19 07:07	: 26 :	Peakc/s=54 Wavelength=2788A	Associated Qual=01 3A		MaxkeV=70 Rast=180"x1"	ep=0"	 Pitch=+39	, Yaw=-28	
Event # = 21529 88/03/22,14:44		32		SMM Pointing:	S25W49		Pitch=+539",Yaw=-505",Roll=-20deg	=-505", Roll	=-20deg	H.Ang=50deg	ı
Start GOES 14:25 BCS 14:43	7t Peak 25 14:44 43 14:44		End times 15:11 14:49	Importance=C1 CaPeak.c/s=25	Qual=05 Qual= 4	FePeak=14:45	FePeak.c/s=10	_	dt= 7.7s	XEN=808201	
14	:37			Wavelength=2788A	Code=00	Exp #=64217	Rast=U XU Rast=180"x1"	Step=0"	_	1.0245/p1xe1 ", Yaw=-322"	
Event # = 8791 88/03/22,21:00	1	D0Y=82		SMM Pointing:	S25W52		Pitch=+554", Yaw	, Yaw=-535", Roll	, Roll=-20deg	H.Ang≈53deg	1
Optical			S E		S28W48	AR4964	Mac.=EKO	Carr.Lon.=308deg	=308deg	H.Ang=50deg	
HXRBS 20:59 HXCS 20:58 BCS 20:59	:26	20:59:04 20:59:04 20:59	20:59:47 21:16	Importance-c4 Peakc/s=141 CaPeak.c/s=175	Qual=01 Qual=01 Qual= 4	Tot Cts=1753 FePeak=20:59	MaxkeV=100 FePeak.c/s=23	#Peaks=1	dt= 3.8s X	XEN=808202	
UVSP 21:( Radio Sweel Radio Fre	21:01 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Type/In MHz)/Fl	itensity: ux(sfu):	Wavelength=1375A 111/3 V/3 245/2300 410/180	Code=02	Exp #=64230	Rast=265"x265"	i	Pitch=+563"	, Yaw=-523"	1

					88/03/23	3 D0Y=83				
Event # = 8/92 88/03/23,01:55 Start	8/92 01:55 art	DOY=83 Peak	Fnd times	SMM Pointing:	S25W55		Pitch=+570", Yaw	, Yaw=-550",Roll	, Roll=-20deg	H.Ang=55deg
Optical Optical	; r.	01.55	02.13	HaClass=SN HaClass=SF	S25W47 N23E30	AR4964 AR4972	Mac.=DHI	Carr.Lon.=304deg Carr.Lon.=227deg		H.Ang=48deg H.Ang=42deg
HXRBS 011 BCS 011	01:51:50 01:53	01:52:2 01:54	3 01:52:44 01:57	Importance-ci Peakc/s=61 CaPeak.c/s=33	Qual=01 Qual=01 Qual= 1	Tot Cts=373 FePeak=01:54	MaxkeV=70 FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=808300
UVSP 01 Radio FI	:35 requen	cy(MHz)/F	01:35 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 245/560 410/69 60	8A Code=01 606/23	Exp #=64243	Kast=U"xU" Rast=180"x1"		Cad=1.02s 1 Pitch=-121",	1.024s/p1xe? ",Yaw=+184"
Event # = 88/03/23,0	8793 02:33 art	DOY=83	Fnd +impo	SMM Pointing:	S25W55		Pitch=+570", Yaw=-550", Roll=-20deg	/=-550", Roll	1=-20deg	H.Ang=55deg
GOES 02 HXRBS 02 UVSP 02	02:31 02:32:52 02:33	02:33	02:39 1 02:33:51	Importance=B7 Peakc/s=74 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=382 Exp #=64244	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+449"	", Yaw=-375"
Event # = 88/03/23,(	8794 35:46		Fnd times	SMM Pointing:	S25W56		Pitch=+571", Yaw=-562", Roll=-20deg	/=-562", Roll	=-20deg	H.Ang=56deg
GOES 05:42 HXRBS 05:44:14 UVSP 05:42	.42 .42	05:46 05:44:58	05:55 05:45:31	Importance=Cl Peakc/s=159 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=1712 Exp #=64248	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=+456"	', Yaw=-387"
Event # = 88/03/23,0	# = 21530 /23,09:33 Start	D0Y=83	Fnd + impo	SMM Pointing:	S25W59		Pitch=+585", Yaw=-589", Roll=-20deg	/=-589", Roll	=-20deg	H.Ang=59deg
GOES BCS 09:	09:32	09:33	•	CaPeak.c/s=49	Qual=06 Qual= 5	FePeak=09:33	FePeak, c/s=17		dt= 3.8s	XEN=808301
	:27			Wavelength=2788A		Exp #=64253	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"		1.024s/pixel ",Yaw=-402"
Event # = 88/03/23,0 Sta	# = 8795 23,09:54 Start	DOY=83	Fnd times	SMM Pointing:	S25W59		Pitch=+585", Yaw=-589", Roll=-20deg	/=-589", Roll	=-20deg	H.Ang=59deg
GOES HXRBS 10: UVSP 09: Radio Swee	10:06:11 09:27 Sweeps	09:54 10:06:21 Type/In	. m	Importance=C2 Peakc/s=90 Wavelength=2788A III/2	Qual=06 Qual=01	Tot Cts=338 Exp #=64253	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=+464",Yaw=-402"	', Yaw=-402"
	reduen	Frequency(MHz)/Flux(sfu)		245/660 410/22						
Event # = 88/03/23,1	8796 10:31 irt	1	Fnd times	SMM Pointing:	S25W59		Pitch=+585", Yaw=-589"	589", Roll	, Roll=-20deg	H.Ang=59deg
GOES 10: HXRBS 10: BCS 10:	10:25 10:25:49 10:27	10:31 10:26:03 10:28	10:42 10:26:27 10:30	Importance=C2 Peakc/s=73 CaPeak.c/s=29	Qual=03 Qual=01 Qual= 4	Tot Cts=456 FePeak=10:27	MaxkeV=70 FePeak,c/s=12		dt= 7.7s	XEN=808302
2	:25			Wavelength=2788A	Code=00	Exp #=64254	Kast=U.XU. Rast=180"x1"	Step=0" Step=0"	cad=4.10s Pitch=+466"	cad=4.10s 4.096s/p1xel Pitch=+466",Yaw=-405"
						· · · · · · · · · · · · · · · · · · ·				

State   Press	Event # = 2153 88/03/23,11:42			SMM Pointing:	S25W59		Pitch=+585", Yaw=-589", Roll=-20deg	.589", Roll=	-20deg	H.Ang=59deg
DOY=83				Importance=C2 CaPeak.c/s=23	Qua]=05 Qua]= 5	FePeak=11:48			t= 7.7s	XEN=808303
DOY=83	11:5			Wavelength=2788A		Exp #=64256			ad=1.02s itch=+470"	1.024S/plxel ,Yaw=-410"
16:12   16:140   10	Event # = 2153 88/03/23,16:12	00Y=8	+ + + + + + + + + + + + + + + + + + + +	1	S25W61		Pitch=+593", Yaw=-	.599", Roll=	-20deg	H.Ang=61deg
16:09   16:46	Optical	16.12	n		\$22W62	AR4964		arr.Lon.=3	11deg	H.Ang=61deg
DOY=83 End times  HaClass=SF S25W64  Pitch=+600", Yaw=-617", Roll=-20deg Peak End times  HaClass=SF S25W64  Pitch=+600", Yaw=-617", Roll=-20deg  20:32 20:33 21:01 Importance=C3 Qual=01 Peak End times  Wavelength=1375A Code=O0 Exp #=64272 Rast=265"x265" Step=5" Pitch=+616  O1:17:26 01:18:25 Peak:c/s=83 Qual=01 O1:45:45 01:48:25 Peak:c/s=83 Qual=01 O1:45:45 01:49 Peak:c/s=80 Qual=01 O1:45:45 01:49 Peak:c/s=80 Qual=01 O1:45:45 01:40 Peak:c/s=80 Qual=01 O1:45:45 01		16:09	6:46		(ua)= 3	FePeak=16:06				XEN=808304 1 024s/nivel
DOY=83  Land times  20:33  21:01  Importance=C3  Qual=01  DOY=84  DOY=84  DOY=84  End times  SMM Pointing: S25W64  DOY=84  DOY	16			Wavelength=2788A		Exp #=64262			_	, Yaw=-426"
20:32	= 215 1,20:3	1	-	1	S25W64		Pitch=+606", Yaw=-	.617", Roll=	-20deg	H.Ang=64deg
20:32	'n	רכמא מטיים	Ĕ	HaClass=SF	\$25W56	AR4964		arr.Lon.=3	03deg	H.Ang=56deg
Mavelength=1375A Code=00		20:32	20:35	Importance=us CaPeak.c/s=21	Qual= 5	FePeak=20:31			t= 7.7s	XEN=808305
B8/03/24   D0Y=84	20:3			Wavelength=1375A	Code=00	Exp #=64272	ž_		itch=+616"	1.02+3/pixer ,Yaw=-610"
DOY=84 Peak         SMM Pointing:         S25W68         Pitch=+618", Yaw=-638", Roll=-20deg           Peak Doi:137.26         01:38 Importance=C1 Ol:138         Qual=01 Out=84 End times Ol:22 Ol:47:10         Importance=C1 Qual=01 Exp #=64285 Rast=180"x1" Step=O" Pitch=+497           DOY=84 End times Ol:45:45 01:47:10 Peak C::22 Ol:47:10 Peak End times         Importance=C1 Qual=01 Exp #=64286 Rast=180"x1" Step=O" Pitch=+499         Pitch=+618", Yaw=-638", Roll=-20deg           DOY=84 End times Peak End times HaClass=SF S35E48 AR4974 AR4974 Rac.=DAI Carr.Lon.=308deg         Pitch=+618", Yaw=-638", Roll=-20deg           DOY=84 End times Peak End times Peak End times Peak End times Peak End times HaClass=SF S35E48 AR4974 Rac.=DAI Carr.Lon.=308deg         Pitch=+618", Yaw=-638", Roll=-20deg           DOY=84 End times Peak End times Peak End times HaClass=SF S35E48 AR4974 Rac.=DAI Carr.Lon.=308deg         Pitch=+618", Yaw=-638", Roll=-20deg           DOS=36 O3:348 Importance=C1 Qual=01 Tot Cts=396 RaxkeV=70 RacC/s=88 Qual=01 Tot Cts=396 Rast=180"x1" Step=O" Pitch=+502"         Pitch=+618", Yaw=-638", Roll=-20deg           DOS=36 O3:31:36 O3:31:30 O3:31:3					88/03/5					
01:17:26 01:18:25	ent # = 879 /03/24,01:2	D0Y=84		¥S.	S25W68		Pitch=+618",Yaw=-	638", Roll=	-20deg	H.Ang=67deg
DOY=84 End times Importance=C1 Qual=03 O1:45:45 01:47:10 Peakc/s=80 Qual=01 Tot Cts=1205 MaxkeV=70 Rast=180"x1" Step=0" Pitch=+499" Peak End times HaClass=SF S25W68 AR4964 Mac.=DAI Carr.Lon.=308deg HaClass=SF S35E48 AR4974 Mac.=DAI Carr.Lon.=195deg Carr.Lon.=195deg MaxkeV=70 O3:31:36 03:31:49 Peakc/s=88 Qual=01 Tot Cts=396 Rast=180"x1" Step=0" Pitch=+502" Pitch=+5	01:17 01:16 01:07	01:27 01:17	01:18:25	Importance=Cl Peakc/s=83 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=1173 Exp #=64285	×1"		itch=+497"	, Yaw=-450"
01:49 02:22 01:45:45 01:47:10	Event # = 8798 88/03/24,01:49		9		S25W68		Pitch=+618", Yaw=-	638", Roll=	-20deg	H.Ang=67deg
DOY=84 SMM Pointing: S25W68 Peak End times  Peak End times  HaClass=SF S27W65 AR4964 Mac.=DAI Carr.Lon.=308deg HaClass=SF S35E48 AR4974 Carr.Lon.=195deg  03:36 03:48 Importance=C1 Qual=01 Tot Cts=396 MaxkeV=70  Wavelength=2788A Code=02 Exp #=64288 Rast=180"x1" Step=0" Pitch=+502"	GOES 01:44 HXRBS 01:45:1. UVSP 02:05	01:49 01:45:4	02:22 5 01:47:10		Qua]=03 Qua]=01	Tot Cts=1205 Exp #=64286	×1"		itch=+499"	, Үам=-453"
reak Ling Carr.Lon.=308deg HaClass=SF S27W65 AR4964 Mac.=DAI Carr.Lon.=308deg HaClass=SF S35E48 AR4974 Carr.Lon.=195deg 03:36 03:48 Importance=C1 Qual=01 03:31:36 03:31:49 Peakc/s=88 Qual=01 Tot Cts=396 MaxkeV=70 Wavelength=2788A Code=02 Exp #=64288 Rast=180"x1" Step=0" Pitch=+502"	Event # = 8799 88/03/24,03:36			₩.	S25W68		Pitch=+618", Yaw=-	638", Roll=	-20deg	H.Ang=67deg
U3:31 U3:30 U3:40 ImpOrtance=L1 Qual=U1 03:31:22 03:31:36 03:31:49 Peakc/s=88 Qual=01 Tot Cts=396 MaxkeV=70 03:40 Wavelength=2788A Code=02 Exp #=64288 Rast=180"x1" Step=0"	Optical Optical Optical		Ellu Cillies	HaClass=SF HaClass=SF	\$27W65 \$35E48	AR4964 AR4974		arr.Lon.=3 arr.Lon.=1		H.Ang=65deg H.Ang=52deg
	03:31:2 03:40	C)	03:31:49	8	Qual=01 Qual=01 Code=02	Tot Cts=396 Exp #=64288			itch=+502"	, Үам=-457"

0Y=84	SMM Pointing:	S25W70		Pitch=+627", Yaw=-648", Roll=-20deg	=-648", Roll	=-20deg	H.Ang=69deg
Start Peak End Unies 60ES 09:35 10:30 10:58 HXRBS 09:36:24 09:37:20 09:38:38 ECS 09:38 09:41 09:54	s Importance=M4 Peakc/s=136 CaPeak.c/s=64	Qual=02 Qual=01 Qual= 1 F	Tot Cts=3557 FePeak=09:44	MaxkeV=70 FePeak, c/s=21	#Peaks=1	dt= 3.8s	XEN=808400
rcs UVSP 10:33 Radio Frequency(MHz)/Flux(sfu):	Wavelength=2788A Code=02 Exp 410/57 606/16 1415/12 2695/31	. Code=02   15/12 2695,	#=64297	Rast=180"x1"		cdu=4.10s 4. Pitch=+514",	4.090s/pixei ",Yaw=-472"
Event # = 8801 88/03/24,14:05 DOY=84 Ctart Doak End times	SMM Pointing:	S25W73		Pitch=+636", Yaw=-658", Roll=-20deg	=-658", Roll	=-20deg	H.Ang=72deg
14:05 14:	Ha. Imp	N17E76 Qual=03	AR4975	Mac.=DAO	Carr.Lon.=161deg	=161deg	H.Ang=79deg
7 13:54:29	_	Qual=01	Tot Cts=2137 Exp #=64302	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=+521", Yaw=-479"	', Yaw=-479"
Event # = 8802 88/03/24,20:35 D0Y=84 24.20:35 D0Y=84	SMM Pointing:	N21E82		Pitch=-643", Yaw=+713"	=+713", Roll	, Roll=-20deg	H.Ang=85deg
בכמע דוות רווונס		\$26W71 \$36E38	AR4964 AR4974	Mac.=DAI	Carr.Lon.=305deg Carr.Lon.=196deg		H.Ang=70deg H.Ang=45deg
GUES 20:26 20:35 20:49 HXRBS 20:26:10 20:31:00 20:33:40 UVSP 20:24 Radio Sweeps Type/Intensity:	Importance=U3 Peakc/s=135 Wavelength=1375A V/2	(ual=01 (ual=01 Code=00	Tot Cts=5246 Exp #=64315	MaxkeV=100 Rast=10"x10"	Step=0"	Pitch=-657",Yaw=+681"	', Yaw=+681"
Event # = 8804 88/03/24,21:43 DOY=84	SMM Pointing:	N21E82		Pitch=-643", Yaw=+713"	=+713",Roll	, Roll=-20deg	H.Ang=85deg
21:43 21:	s HaClass=SN Importance=C3	N21E70	AR4975	Mac.=DAO	Carr.Lon.=163deg	=163deg	H.Ang=74deg
HXRBS 21:39:46 21:40:54 21:48:08 BCS 21:41 21:43 21:59			Tot Cts=4271 FePeak=21:43	MaxkeV=70 FePeak.c/s=24	7	dt= 3.8s	XEN=808401
21:41	Wavelength=137	٦,		0	ep=0		5 <b>₹</b>
HXRBS 21:39:08 21:39:16 21:39:39 UVSP 21:37	Peakc/s=66 Wavelength=137	Qual=01	Event # = 0003 Tot Cts=312 Exp #=64318	MaxkeV=70 Rast=265"x265"	 Step=5"	Pitch=-634"	', Yaw=+728"
JOON II TOOLE		88/03/25	D0Y=85				
# = 8803 (25,00:53 DOY=85 Start Peak End tim	ć	Qua]=00	,				
HXKBS 00:32:49 00:33:03 00:33:14 UVSP 00:49	Wavelength=1375A	T∩= I pnò	Exp #=64332	maxkev=100 Rast=10"x10"	Step=0"	Pitch=-662", Yaw=+671"	', Yaw=+671"

Event # = 8806 88/03/25,01:38 Start	D0Y=85 Peak								
GOES 01:31 HXRBS 01:32:08 UVSP 01:37 Radio Sweeps Radio Frequenc		٠٠٠ <u>، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ،</u>	Importance=C1 Qual Peakc/s=90 Qual Wavelength=1375A Code V/2 245/290 410/28 606/26	Qual=01 Qual=01 Code=00 06/26	Tot Cts=2378 Exp #=64337	MaxkeV=70 Rast=265"x265"	Step=5"	Pitch=-634",Yaw=+728"	, Үам=+728"
Event # = 8807 88/03/25,03:16 Start GOES 03:11 HXRBS 03:13:06 UVSP 03:10 Radio Sweeps	00Y=85 Peak End 03:2:2:03:16 03:2:2 03:13:55 03:17 Type/Intens	times 3 4:07 ity:	Importance=C1 Peakc/s=102 Wavelength=2788A V/2	Qual=03 Qual=01 Code=00	Tot Cts=792 Exp #=64340	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=-507",Yaw=+645"	, Yaw=+645"
Event # = 21534 88/03/25,04:04 Start GOES 03:56 BCS 04:01 FCS 03:48	DOY=85 Peak 04:04 04:04	End times 04:35 04:12	Importance=Cl CaPeak.c/s=22 Wavelength=2788A	Qual=01 Qual= 4 Code=01	FePeak=04:01 Exp #=64341	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 0.1s X Cad=1.02s 1 Pitch=-507",	XEN=808500 1.024s/pixel ", Yaw=+645"
#20003	= 8808 ,05:26 DOY=85 tart Peak End tim 5:15 05:26 05:48 5:26:23 05:26:27 05:30:2 5:22 Type/Intensity Frequency(MHz)/Flux(sfu)	4 tes	Importance=M2 Peakc/s=87 Wavelength=2788A 11/2 111/2	Qual=04 Qual=02 Code=00	Tot Cts=3461 Exp #=64343	MaxkeV=70 Rast=180"x1"	Flags=SN Step=0"	Pitch=-507", Yaw=+645	, Үам=+645"
rent # = 8809 3/03/25,07:27 Start otical ES 07:25 ERBS 07:23:5 S 07:29 SS 07:53	DOY=85 Peak 07:27 07:25:07:25:07:29	End times 07:52 07:28:13 07:31	HaClass=1F Importance=C3 PeakC/s=106 CaPeak.C/s=71 Wavelength=278	N21E64 Qual=01 Qual=1 Qual= 1	AR4975  Tot Cts=2358 FePeak=07:29 Exp #=64346	Mac.=EAI MaxkeV=70 FePeak.c/ Rast=0"x0 Rast=180"	r. Lon.	88 10s -507	.Ang=69deg EN=808502 .096s/pixe1
BCS 07:28 FCS	07:28	07:37	caPeak.c/s=53	Associated Qual= 1	Evell # = 21535 FePeak=07:28	FePeak.c/s=15 Rast=25"x25"	#Peaks=1 Step=5"	dt= 3.8s Cad=25.6s	XEN=808501 1.024s/pixel
Event # = 8810 88/03/25,08:50 D0Y=85 Start Peak End times Optical GOES 08:44 08:50 08:54 HXRBS 08:46:09 08:46:23 08:50:32 UVSP 08:30 Radio Sweeps Type/Intensity: Radio Frequency(MHZ)/Flux(sfu):	DOY=85 Peak 08:50 08:46:23 Type/I	I 18	HaClass=1N Importance=C4 PeakC/s=261 Wavelength=2788A III/3 V/3 245/130 410/67 60	S25W78 Qual=01 Qual=01 Tot SA Code=01 Exp 606/75 1415/28	AR4964 Tot Cts=10013 Exp #=64347 5/28	Mac.=EAI MaxkeV=129 Rast=180"x1"	Carr.Lon.=305deg Step=0" Pitch=	-507"	H.Ang=76deg ,Yaw=+645"

Event 88/03/	Event # = 21536 88/03/25,19:40	D0Y=85		SMM Pointing:			Pitch=+726", Yaw	, Yaw=-635", Roll	, Roll=-20deg	
Optica	start .1	_	End times		S28W83	AR4964	Mac.=EAI	Carr.lon.=304ded	=304dea	H. Ann=81den
GÓES BCS	19:39 19:40	19:40 19:40	19:52 19:41	Importance=C1 CaPeak.c/s=21	Qual=01 Qual= 4	FePeak=19:40	FePeak.c/s=8		dt= 7.7s	XEN=808503
rcs UVSP Radio S	19:39 Sweeps Type/Intens: Frequency(MHz)/Flux(s	Type/1 cy(MHz)/F	Intensity: Flux(sfu):	Wavelength=1375A V/2 245/220	Code=00	Exp #=64364	Rast=0.x0. Rast=10"x10"	Step=0" Step=0"	cad=1.02s 1 Pitch=+687",	1.024s/p1xel ",Yaw=-657"
Event 88/03/	# = 21537 /25,20:09	DOY=85		SMM Pointing:			Pitch=+726", Yaw	, Yaw=-635", Roll=-20deg	1=-20deg	
GOES	20:04 20:04	20:09 20:09	20:38 20:11	Importance=C2 CaPeak.c/s=64	Qual=03 Qual= 3	FePeak=20:09	FePeak.c/s=12		dt= 3.85	XEN=808504
_	20:09 Sweeps	Type/I	Type/Intensity:	Wavelength=1375A III/1	Code=02	Exp #=64367	kast=U.xU Rast=265"x265"	Step=0" Step=5"	cad=4.10s 4 Pitch=+730",	4.096s/p1xel ",Yaw=-620"
Event 88/03/	# = 8811 /25,21:54	D0Y=85		SMM Pointing:			Pitch=+726", Yaw=-635", Roll=-20deg	/=-635", Roll	1=-20deg	
GOES HXRBS	Start 21:38 5 21:36:49 21:47	reak 21:54 21:38:1	End times 22:20 0 21:50:24		Qual=02 Qual=03 Code=01	Tot Cts=71476 Evn #=64374	MaxkeV=222	Flags=ES	0:404-4719	1015 - 1015 - 1015 - 1015 - 1015 - 1015 - 1015 - 1015 - 1015 - 1015 - 1015 - 1015 - 1015 - 1015 - 1015 - 1015
	Sweeps Type/Inten Frequency(MHz)/Flux(	Type/1 cy(MHz)/F	<pre>Intensity: -lux(sfu):</pre>	11/3 410/240 606/130	415/82	. Exp #-543/4 2695/150 4995/40	Master 10 A10		71 (1) 75	, I aw 04/
					88/03/26	5 D0Y=86				
Event 88/03/	# = 8813 $'26,01:08$	D0Y=86		SMM Pointing:	S30W88	•	Pitch=+727", Yaw=-627", Roll=-20deg	r=-627", Roll	1=-20deg	H.Ang=85deg
GOES HXRBS	51 art 01:06 01:06:40	reak 01:08 01:06:53	3 July Peak End times 0 01:06 01:08 01:17 35 01:06:40 01:06:53 01:07:06 0 01:08	Importance=B8 Qual=01 Peakc/s=72 Qual=01 Wavelength=27880 Code=02	Qual=01 Qual=01 Code=02	Tot Cts=384	MaxkeV=70	÷ 0	#CO3+-40+;0	10 V
Radio	Frequen	cy(MHz)/F	·lux(sfu):	245/160 410/19 6	06/18	70000	Kast-100 A1	o-danc	F1 LCH=+002	, 1dw=-440
Event 88/03/	# = 8812 /26,02:40	98=Y00	, + 50 T	SMM Pointing:	S30W88		Pitch=+727", Yaw=-627"	627", Roll	, Roll=-20deg	H. Ang=85deg
Optica GOFS	1) 35 LT   1	02:40	7 04.	HaClass=SF Importance=R9	N16E57	AR4975	Mac.=EAI	Carr.Lon.=160deg	=160deg	H.Ang=61deg
HXRBS UVSP	02:37:59 02:43	02:38:09	9 02:38:20	Peakc/s=196 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=1203 Exp #=64384	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch≖+602"	", Yaw=-448"
Event 88/03/	t # = 21538 3/26,05:46 Start	00¥=86	Frd +imos	SMM Pointing:	S30W88		Pitch=+727", Yaw=-627", Roll=-20deg	=-627", Roll	1=-20deg	H.Ang=85deg
GOES	05:39 05:44	05:46 05:47	05:52 05:51	Importance=C2 CaPeak.c/s=29	Qual=01 Qual= 1	FePeak=05:44	FePeak.c/s=14		dt= 0.1s	XEN=808600
UVSP	02:50			Wavelength≂2788A	Code=02	Exp #=64388	Kast=25"X25" Rast=180"x1"	Step=5" Step=0"	Cad=25.65 1 Pitch=+602",	1.024s/plxel ",Yaw=-448"

Event 88/03,	Event # = 21539 88/03/26,22:52	D0Y=86		SMM Pointing:	N18E46		Pitch=-574", Yaw=+496",	=+496", Rol	, Roll=-20deg	H.Ang=52deg
Optica	Start al	Peak	End times		N18E50	AR4975	Mac.=EAI	Carr.Lon.=156deg	=156deg	H. Ang=55deg
GOES BCS	22:41 22:46	22:52 22:49	23:21 23:00	Importance=C1 CaPeak.c/s=26	Qual=03 Qual= 1	FePeak=22:47	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=808601
UVSP Radio	22:47 Sweeps	Type/I	Type/Intensity:	Wavelength=1375A III/1	Code=00	Exp #=64422	kast=U"XU" Rast=10"X10"	Step=0" Step=0"	cad=1.02s 1 Pitch=-615",	1.0245/p1xel ',Yaw=+525"
					88/03/28	8 D0Y=88				
Event 88/03,	# = 8814 /28,07:50 Start		ביים לים	SMM Pointing:	N18E28		Pitch=-513",Yaw=+269",Roll=-20deg	=+269", Rol	]=-20deg	H.Ang=37deg
GOES HXRBS BCS BCS	GOES 07:17 HXRBS 07:24:05 BCS 07:43	07:50 07:24:51 07:45	08:08 07:26:52 07:52	Importance=B9 Peakc/s=82 CaPeak.c/s=20	Qual=01 Qual=01 Qual= 4	Tot Cts=2095 FePeak=07:45	MaxkeV=255 FePeak.c/s=17	#Peaks=1	dt= 7.7s	XEN=808800
UVSP	08:03			Wavelength≕2788A		Exp #=64501	kast=U.xU. Rast=180"x1"	Step=0"	cad=1.02s Pitch=-377"	1.0245/plxei ",Yaw=+192"
	2				88/03/29	9 DOY=89				
Event 88/03,	Event # = 21540 88/03/29,02:00 Start	DOY=89	Fod + impo	SMM Pointing:	N18E18		Pitch=-467", Yaw=+133", Roll=-20deg	=+133", Rol	]=-20deg	H.Ang=30deg
GOES BCS	02:00	05:00	02:09	CaPeak.c/s≖20	Qual=00 Qual= 5	FePeak=02:01	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=808900
UVSP	02:01			Wavelength=1375A		Exp #=64544	Kast=0"x0" Rast=200"x200"	Step=0" Step=5"	_	1.0245/p1xe! ',Yaw=+137"
Event 88/03/	Event # = 21541 88/03/29,05:13	D0Y=89	9	SMM Pointing:	N18E16		Pitch=-460", Yaw=+100", Roll=-20deg	=+100", Rol	]=-20deg	H.Ang=29deg
GOES	35.07 05:12 05:12	05:13 05:12	05:29 05:15	Importance≖89 CaPeak.c/s=20	Qual=01 Qual= 5	FePeak=05:12	FePeak.c/s=7	_	dt= 7.7s	XEN=808901
SSS	05:03			Wavelength=2788A	Code=00	Exp #=64554	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-326",	1.024s/pixel ",Yaw=+30"
Event 88/03/	Event # = 21542 88/03/29,06:32	D0Y=89	1 1	SMM Pointing:	N18E16		Pitch=-460", Yaw	, Yaw=+100", Rol	, Roll≖-20deg	H.Ang=29deg
Optica GOES BCS	3tar t 06:25 06:42		32 58	HaClass=SF Importance=C3 Capeak c/s=39	N21E16 Qual=05 Qual= 5	AR4975 Fepeak=06:47	Mac.=EAI Fepeak.c/s=7	Carr.Lon.=160deg	2/	H.Ang=32deg XFN=808902
FCS UVSP Radio	06:36 Frequenc	06:53 Frequency (MHz)/Flux(sfu)		₽81	Code=02	Exp #=64556	Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=-322"	1.024s/pixel ', Yaw=+17"
Event 88/03/	Event # = 21543 88/03/29,22:50	D0Y=89	End times	SMM Pointing:	N18E06		Pitch=-412", Yaw	, Yaw=-40", Roll=	, Roll=-20deg	H.Ang=25deg
Optical GOES	31 22:38	22:50	2	HaClass=SF Importance=Cl	N21E09 Oual=01	AR4975	Mac.=EAI	Carr.Lon.	=158deg	H.Ang=29deg
SS SS SS	22:45	22:49	22:58	88	Qual= 1	FePeak=22:48 Exp #=64577	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 0.1s X Cad=1.02s 1 Pitch=-275",	XEN=808903 1.024s/pixel ',Yaw=-118"

				88/03/31	1 D0Y=91				
Event # = 8817 88/03/31,11:24	00Y=91		SMM Pointing:	N18W11		Pitch=-316", Yaw=-297",	v=-297", Roll	, Roll=-20deg	H.Ang=27deg
Optical			HaClass=SF	N14W13	AR4975	Mac.=EAI	Carr.Lon.=160deg	=160deg	H.Ang=24deg
HXRBS 11:23:50 UVSP 11:23 Radio Sweeps	0 11:24:0 Type/	11:24:07 11:24:25 Type/Intensity:	Peakc/s=84 Wavelength=2788A V/2	Qual=01	Tot Cts=534 Exp #=64664	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-179", Yaw=-120"	', Yaw=-120"
Event # = 21544 88/03/31,20:47 Start	14 D0Y=91 Peak	End times	SMM Pointing:	N18W16		98	", Yaw=-370", Roll=-20deg	]=-20deg	H.Ang=29deg
Optical GOES 20:35 BCS 20:45	20:47 20:46	21:07 20:53	HaClass=SF Importance=C3 CaPeak.c/s=61	N18W15 Qual=04 Qual= 4	AR4975 FePeak=20:46	Mac.=EAI FePeak.c/s=12	<u>.</u>	=156deg dt= 0.1s	H.Ang=29deg XEN=809100
<u>~</u> i	O:48 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=2788A 4995/23 8800/30	Code=02	Exp #=64676	Rast=0 x0 Rast=180"x1"	Step=0" Step=0"	cdu=1.025 1 Pitch=-149",	1.0245/pixel ',Yaw=-193"
Event # = 21545 88/03/31,23:34	15 D0Y=91	+ bear	SMM Pointing:	N18W18		Pitch=-276", Yaw=-396", Roll=-20deg	v=-396", Rol	]=-20deg	H.Ang=30deg
GOES 23:30 BCS 23:34	23:34 23:34 23:34	23:39 23:43	Importance=Cl CaPeak.c/s=22	Qual=01 Qual= 4	FePeak=23:34	FePeak.c/s=9		dt= 7.7s	XEN=809101
FCS UVSP 23:56			Wavelength=2788A		Exp #=64680	Kast=U"xU" Rast=180"x1"	Step=0" Step=0"		1.024s/p1xe: ",Yaw≕-217"
				88/04/01	1 D0Y=92				
Event # = 21546 88/04/01,02:30	16 00Y=92	omit + bud	SMM Pointing:	N18W19	•	Pitch=-266", Yaw=-420", Roll=-20deg	v=-420", Rol	1=-20deg	H.Ang=31deg
Optical	15ak	(1) CIMES		N20W15	AR4975	Mac.=EAI	Carr.Lon.=153deg	=153deg	H.Ang=30deg
BCS 02:28	02:29	03:02	CaPeak.c/s=33	Qual= 1	FePeak=02:31	FePeak.c/s=14		dt= 7.7s X	XEN=809200
UVSP 02:05 Radio Freque	2:05 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=2788A 245/170 410/53		Exp #=64683	Rast=180"x1"	Step=0"	cad-1.028 Pitch=-132'	1.0245/PIACI
Event # = 8818	1 1		1 1	88/04/02	2 D0Y=93				
88/04/02,03:31 Start		End times	SMM Pointing:	N18W32		Pitch=-191",Yaw=-592",Roll=-20deg	v=-592",Rol]	1=-20deg	H.Ang=40deg
GOES 03:26 HXRBS 03:27:57 UVSP 03:10 Radio Sweeps Radio Frequen	03:31 i7 03:28:15 Type/In incy (MHz)/F1	03:37 03:28:45 tensity: ux(sfu):	Importance=86 Peakc/s=96 Wavelength=2788A (V/3) 245/20	Qual=01 Qual=01 Code=01	Tot Cts=1115 Exp #=64730	MaxkeV=130 Rast=180"x1"	Step=0"	Pitch=-54",Yaw=-414"	Yaw=-414"

Optical GOES 20:46 20:48 20:57 Import HXRBS 20:46:06 20:46:47 20:47:53 Peak. UVSP 20:26 Type/Intensity: III/3 Event # = 8819					ו מו יבר ויברו בכתבם		655 Si
20:46:06 20:46:47 20:37:53 20:26    Sweeps	Class=SF	N21E40	AR4980	Mac.=AXX	Carr.Lon.=75deg	:75deg	H.Ang=48deg
DOY=94 SMM	Importance=ci Peakc/s=482 Wavelength=2788A III/3	Qual=01 Qual=01 Tot Exp	rt Cts=5215 p #=64769	MaxkeV=222 Rast=180"x1"	Flags=I Step=0"	Pitch=-44",Yaw=-522"	, Yaw=-522"
DOY=94 SMM		88/04/03	D0Y=94				
	Pointing:	N20W46		Pitch=-156",Yaw	, Yaw=-750", Roll=-20deg	=-20deg	H.Ang=53deg
31 131 104.37 04.41 04.46		N18W46	AR4975	Mac.=EAI	Carr.Lon.=157deg	157deg	H.Ang≈52deg
HXRBS 04:39 04:39:05 04:39:38 Peak	Peakc/s=81 CaPeak.c/s=31	Qual=01 To Qual= 1 Fe	Tot Cts=745 FePeak=04:40	MaxkeV=71 FePeak.c/s=16	#Peaks=1	dt= 7.7s	XEN=809400
04:26 Wav	elength=2788A	Code=00 Ex	Exp #=64779	Rast=243"x243"	Step=3"	cau=10638	2.0465/p1xe1 ", Yaw=-738"
		88/04/04	D0Y=95				
DOY=95 End +imes	Pointing:	N20W62		Pitch=-82",Yaw=-878",Roll=-20deg	-878", Roll=	20deg	H.Ang=67deg
Imp CaP	ortance=C4 eak.c/s=109	Qual=02 Qual= 1 Fel	FePeak=11:01	FePeak.c/s=13		dt= 7.7s	XEN=809500
7 11:39 Wav	elength=2788A	Exp	p #=64843	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=4.10s Pitch=+53",	4.096s/pixeł ,Yaw=-700"
		88/04/08	D0Y=99				
SMM SMM	Pointing:	S06W00	I	Pitch=+0", Yaw=+0", Roll=Odeg	0", Roll=0de	Ş.	H.Ang=Odeg
04:07:24 04:07:50 Pea	ortance=Cl kc/s=63	Qual=01 Qual=01 To	Tot Cts=276	MaxkeV=71			
		88/04/09	DOY=100				
SMM	Pointing:	S17E61		Pitch≃-56",Yaw≕	,Yaw=+832",Roll=-20deg	-20deg	H.Ang=60deg
Ha. Ha. Ha. Ha. Ha.	Class=1N Class=SN	\$12E68 \$19E60	AR4985 AR4985	Mac.=FSO	Carr.Lon.=314deg Carr.Lon.=322deg		H.Ang=67deg H.Ang=60deg
HXRBS* 21:16:34 21:18:15 21:19:32 Peak HXRS 21:16:34 21:18:15 21:19:32 Peak ECS 21:16 21:17 21:20 CaPeak	or cance-c4 co.c/s=136 eak.c/s=78		Tot Cts=2198 FePeak=21:17	MaxkeV=43 FePeak.c/s=18		dt= 3.8s X	XEN=810000
Wav weeps Type/Intensity: III	elength=2788A Code=00 /1 V/1		Exp #=65037	Rast=180"x1"	Step=0	cau-23.03 Pitch=-176'	1.0245/pixel ,Yaw=+757"

Event # = 21548 88/04/09,23:43	3 DOY=100		SMM Pointing:	S17E60		Pitch=-55", Yaw=+822", Roll=-20deq	+822",Roll=	20deq	H.Ang=59deg
Start GOES 23:22 BCS 23:39	Peak 23:43 23:42	End times 23:47 23:46	Importance=Cl CaPeak.c/s=36	Qua]=04 Qua]= 1	FePeak=23:41	FePeak.c/s=15	#Peaks=1	dt= 0.1s	XEN=810010
UVSP 23:24 Radio Sweeps	Type/	pe/Intensity:	Wavelength=2788A III/1	Code=01	Exp #=65040	Kast=25"x25" Rast=180"x1"		Cad=25.6s l Pitch=-175",	1.024s/pixel ',Yaw=+748"
				88/04/11	1 DOY=102				
Event # = 8923 88/04/11,13:50 C+art	DOY≈102	00 E;+	SMM Pointing:	S16E40		Pitch=-25", Yaw≕	, Yaw=+625", Roll=-20deg	20deg	H.Ang=41deg
<u>'</u> ="	13.50	14.42		N21E74	AR4990	Mac.=CSO	Carr.Lon.=286deg	-286deg	H.Ang=77deg
1:00	3 13:47:43	3 13:50:52	Peakc/s=178 Wavelength=2788A		Tot Cts=7147 Exp #=65145	MaxkeV=61 Rast=180"x1"	Flags=I Step=0"	Pitch=-145"	', Yaw=+549"
Event # = 21549 88/04/11,19:29 Start	) DOY=102 Peak	Fod +impo	SMM Pointing:	N17E31		Pitch=-493", Yaw	, Yaw=+321", Roll=-20deg	=-20deg	H.Ang=38deg
<u>`</u>		10.40	HaClass=SF	N16E28	AR4986	Mac.=FAI	Carr.Lon.=329deg	-329deg	H.Ang=35deg
BCS 19:25 FCs	19:29	19:38		Qual= 4	FePeak=19:25	FePeak.c/s=13		dt= 7.7s X	XEN=810200
UVSP 19:18			Wavelength=2788A	Code=00	Exp #=65152	Rast=180"x1"	Step=0"	cau=1.028 Pitch=-620	1.0245/plxel ",Yaw=+252"
Event # = 21550 88/04/11,19:43 Start	) DOY=102 Peak	Fnd + imps	SMM Pointing:	N17E31		Pitch=-493", Yaw=+321", Roll=-20deg	=+321", Roll	=-20deg	H.Ang=38deg
GOES 3021 E	10.42	, ,	(C-2/2)	Qua]=06	0.00	F		r -	
FCS 19:41 UVSP 19:18	13.5T	19:49	88A	Ųual≡ 4	rereak=19:42 Exp #=65152	rePeak.c/s=/ Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	<pre>gt= /./s X Cad=1.02s 1 Pitch=-620",</pre>	XEN=810201 1.024s/pixel ",Yaw=+252"
Event # = 8822 88/04/11,19:54	D0Y=102	Cod +imos	SMM Pointing:	N17E31		Pitch=-493", Yaw	, Yaw=+321", Roll	, Roll=-20deg	H.Ang=38deg
Optical		10.57	HaClass=SF	N24E83	AR4990	Mac.=CSO	Carr.Lon.=274deg	274deg	H.Ang=86deg
HXRBS* 19:51:57 UVSP 20:17	19:52:15	19:53:01	Peakc/s=69 Wavelength=2788A	Qual=01	Tot Cts=473 Exp #=65153	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=-362"	', Yaw=+245"
Event # = 8823 88/04/11,21:53	DOY=102	Fnd +imag	SMM Pointing:	N17E30		Pitch=-490", Yaw	, Yaw=+311", Roll=-20deg	=-20deg	H.Ang=37deg
Optical Control	21.53	22.10	HaClass=SN	N23E79	AR4990	Mac.=CSO	Carr.Lon.=277deg	-277deg	H.Ang=82deg
HXRBS* 21:48:25 UVSP 21:50	5 21:50:05	21:56:00	Peakc/s=120 Wavelength=2788A	Qual=01 Code=00	Tot Cts=9391 Exp #=65155	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=-359'	Pitch=-359",Yaw=+233"

				88/04/12	2 DOY=103				
Event # = 21551 88/04/12,06:50	DOY=103	7	SMM Pointing:	N17E25		Pitch=-471", Yaw	, Yaw=+242", Rol]	, Roll=-20deg	H.Ang=34deg
Optical		ב ב	HaClass=SF	N17E23	AR4986	Mac.=EAI	Carr.Lon.=	=328deg	H.Ang=32deg
BCS 06:39	06:49	07:04	Capeak.c/s=58	Qual= 1	FePeak=06:48	FePeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=810300
UVSP 06:49			Wavelength=1375A	Code=00	Exp #=65173	Rast=200"x200"	Step=5"	pitch=-465	", Yaw=+250"
Event # = 8824 88/04/12,08:41	DOY=103		SMM Pointing:	N17E24		Pitch=-464", Yaw	, Yaw=+228", Roll	, Roll=-20deg	H.Ang=33deg
Optical			HaClass=SF	\$18E22	AR4985	Mac.=HSX	Carr.Lon.=328deg	=328deg	H.Ang=25deg
GUES 08:30 HXRBS* 08:37:22 UVSP 08:31	08:37:38	09:13 3 08:38:26	<pre>importance=cz Peakc/s=109 Wavelength=1375A</pre>	Qual=03 Qual=01 Code=00	Tot Cts=784 Exp #=65182	MaxkeV=43 Rast=10"x10"	Step=0"	Pitch=-446"	", Yaw=+162"
Event # = 8825 88/04/12,15:05	DOY=103	End +imag	SMM Pointing:	N17E21		Pitch=-454", Yaw	, Yaw=+181", Roll	, Roll=-20deg	H.Ang=31deg
Optical		15.37	HaClass=SF	N23E70	AR4990	Mac.=CSO	Carr.Lon.=276deg	=276deg	H.Ang=74deg
HXRBS* 14:59 HXRBS* 14:59:29 UVSP 15:05 Radio Sweeps	-44	, 2:44 ity:	Importance=c3 Peakc/s=106 Wavelength=2788A III/1 V/1	Qual=03 Qual=01 Code=02	Tot Cts=3469 Exp #=65200	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=-318"	', Yaw=+103"
Event # = 8826 88/04/12,17:46	DOY=103		SMM Pointing:	N17E19		Pitch=-446", Yaw=+157", Roll=-20deg	+157", Roll	1=-20deg	H.Ang=30deg
GOES 17:40 HXRBS* 17:40:52 UVSP 18:14	17:42:32	17:49 17:49 17:45:55	Importance=C3 Peakc/s=114 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=4801 Exp #=65204	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=-309"	', Yaw=+78"
Event # = 8827 88/04/12,22:33	DOY=103	1 1	SMM Pointing:	N23E63		Pitch=-652", Yaw	, Yaw=+598", Roll	, Roll=-20deg	H.Ang=67deg
Start	reak	בנות נושפא	HaClass=SF	N23E63	AR4990	Mac.=CS0	Carr.Lon.=279deg	=279deg	H.Ang=68deg
40ES 22:23 HXRBS* 22:28:27 BCS 22:27	22:30:17 22:40	22:32:01 22:45	Importance=U3 Peakc/s=112 CaPeak.c/s=77	Qual=01 Qual=01 Qual= 1	Tot Cts=1.47E+5 FePeak=22:40	MaxkeV=43 FePeak.c/s=18	Flags=ND #Peaks=1		XEN=810301
22:22	74:77		Wavelength=1375A	Code=00	Exp #=65212	Kast=0"x0" Rast=10"x10"		Cad=4.10s Pitch=-639"	4.0965/plxel ",Yaw=+615"
3 4 5 5 5				88/04/1	3 D0Y=104				
88/04/13,00:18	DOY=104	the times	SMM Pointing:	N23E63		Pitch=-656",Yaw	,Yaw=+597",Roll	,Roll≖-20deg	H.Ang=68deg
Optical			HaClass=SF	N23E67	AR4990	Mac.=EAI	Carr.Lon.=274deg	-274deg	H.Ang=71deg
HXRBS* 00:15:53 BCS 00:13 UVSP 00:13	888	00:17:42 00:35	Peakc/s=26 CaPeak.c/s=52 Wavelength=1375A	ual=01	Tot Cts=3249 FePeak=00:17 Exp #=65222	MaxkeV=61 FePeak.c/s=16 Rast=10"x10"	#Peaks=3 Step=0"	dt= 3.8s ) Pitch=-653",	XEN=810400 ', Yaw=+598"
BS*	00:11	1:43 00:14:10	Peakc/s=121 Wavelength=1375/	oual=01 Qual=01	Exp #=65221	MaxkeV=61 Rast=200"x200"	 ep=5"	Pitch=-648", Yaw=+603"	', Yaw=+603"
	-								

88/04/13,00:33		ğ	SMM Pointing:	N23E63		Pitch=-656",Yaw	, Yaw=+597", Roll	, Roll≈-20deg	H.Ang≈68deg
GOES 00:28 HXRBS* 00:22:21 UVSP 00:28	00:33 00:28:44	00:37 00:37 00:35:22	Importance=Cl Peakc/s=129 Wavelength=1375A	Qual=01 Qual=03 Code=00	Tot Cts=12987 Exp #=65224	MaxkeV=43 Rast=10"x10"	Flags=EN Step=0"	Pitch≖-688"	', Yaw=+632"
Event # = 2155 88/04/13,09:22	2 D0Y=104		SMM Pointing:	N23E57		Pitch=+739", Yaw	, Yaw=+423", Roll=90deg	=90deg	H.Ang=63deg
Start GOES 09:19 BCS 09:23	Peak 09:22 09:23	End times 09:29 09:27	Importance=Cl CaPeak.c/s=29	Qua]=04 Qua]= 5	FePeak=09:23	FePeak.c/s=8		dt= 7.7s	XEN=810401
FCS UVSP 09:21			Wavelength=1375A	Code=00	Exp #=65266	Rast=U.xU. Rast=10"x10"	Step=0"	cdu=1.023 1 Pitch=+803",	1.0245/pixel ", Yaw=+451"
Event # = 2155 88/04/13,09:34	<b>62</b>		SMM Pointing:	N23E57		Pitch=+739", Yaw=+423", Roll=90deg	/=+423", Rol	1=90deg	H. Ang=63deg
GOES 09:30 BCS 09:32	Peak 09:34 09:33	09:53 09:37	Importance=Cl CaPeak.c/s=30	Qual=01 Qual= 1	FePeak=09:32	FePeak.c/s=9		dt= 7.7s	XEN=810402
FCS UVSP 09:34			Wavelength=1375A	Code=02	Exp #=65267	Kast=U"XU" Rast=200"x200"	Step=0" Step=5"	cad=1.02s 1 Pitch=+747",	1.0245/p1xel ', Yaw=+432"
Event # = 8832 88/04/13,16:06	5 DOY=104	:	SMM Pointing:	N23E55		Pitch=-644", Yaw	, Yaw=+530", Rol	, Roll=-20deg	H.Ang=60deg
Start Optical		nd time	HaClass=SF	N23E61	AR4990	Mac.=FAI	Carr.Lon.=271deg	=271deg	H.Ang=66deg
GOES 16:03 HXRBS* 16:04:1 BCS 16:05	16:06 :18 16:04:46 16:06	16:14 16:05:46 16:10	Importance=L1 Peakc/s=268 CaPeak.c/s=63	Qual=00 Qual=01 Qual= 1	Tot Cts=3810 FePeak=16:06	MaxkeV=79 FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=810403
rts UVSP 16:12 Radio Frequenc	:y(MHz)	/Flux(sfu):	Wavelength=2788A 410/22	Code=02	Exp #=65277	Rast=180"x1"	Step=0"	Pitch=-507	, Yaw=+450"
Event # = 8833 88/04/13,18:34	3 1 DOY=104		SMM Pointing:	N23E52		Pitch=-638", Yaw	, Yaw=+509", Rol	, Roll=-20deg	H.Ang=58deg
// '	r :	10.00	HaClass=SN	N23E90	AR4995		Carr.Lon.=241deg	=241deg	H.Ang≕92deg
GOES 18:29 HXRBS* 18:30:30 BCS 18:32	18:34 36 18:32:21 18:34	19:02 18:33:35 18:47	Importance=c5 Peakc/s=168 CaPeak.c/s=85	Qual=01 Qual=01 Qual= 1	Tot Cts=14725 FePeak=18:34	MaxkeV=79 FePeak.c/s=24	Flags=ND #Peaks=1	dt= 0.1s X	XEN=810410
FCS UVSP 18:21 Radio Sweeps	Type/Int	Intensity:	Wavelength=2788A V/2	Code=01	Exp #=65280	Rdst=240 x240 Rast=180"x1"		cad- 1313 Pitch=-505	, Yaw=+439"
Event # = 8834 88/04/13,20:18	4 8 DOY=104	+	SMM Pointing:	N23E52		Pitch=-638", Yaw	, Yaw=+509", Rol	, Roll=-20deg	H.Ang=58deg
Optical Optical			HaClass=SF HaClass=SF	S15E17 N22E58	AR4989 AR4990	Mac.=CRO	Carr.Lon.=313deg Carr.Lon.=272deg	=313deg =272deg	H.Ang=19deg H.Ang=63deg
GOES 20:04 HXRBS* 20:05:4 BCS 20:07	48 20:06:36 20:15	6 20:21:01 20:50	Importance-co Peakc/s=248 CaPeak.c/s=79	Qual=01 Qual= 1	Tot Cts=21245 FePeak=20:15	MaxkeV=150 FePeak.c/s=18	Flags=M5 #Peaks=2	dt= 0.1s X	XEN=810405
FCS UVSP 19:54			₩avelength=2788A		Exp #=65282	Rast=180"x1"	Step=0"	Pitch=-503	", Yaw=+431"

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', Yaw=+426"	H.Ang=58deg	H.Ang≃63deg	XEN=810406	4.096s/pixel ",Yaw=+426"	H.Ang=58deg	XEN=810407	1.024s/plxel ',Yaw=+418"	H.Ang=57deg	, Yaw=+418"	H.Ang=57deg	XEN=810408	1.024s/pixel ",Yaw=+497"	H.Ang=57deg	XEN=810409	1.024s/pixel ',Yaw=+492"		H.Ang=57deg	XEN=810500 ,Yaw=+468"
Pitch=-501"	1=-20deg	=272deg	dt= 0.1s		]=-20deg	dt= 7.7s	Cad=1.02s 1 Pitch=-499",	1=-20deg	Pitch=-499"	, Roll=-20deg	dt= 7.7s	Cad=1.02s Pitch=-626"	]=-20deg	dt= 7.7s	Cad=1.02s Pitch=-601"		, Roll=-20deg	dt= 7.7s XEN=810500 Pitch=-614",Yaw=+468"
Step=0"	, Yaw=+499", Roll:	Carr.Lon.=272deg	#Peaks=1	Step=0" Step=0"	aw=+499", Rol	#Peaks=1	Step=0" Step=0"	3w=+489", Ro]	Step=0"	, Yaw=+489", Rol		Step=0" Step=5"	, Yaw=+489", Roll=-20deg	#Peaks=1	Step=0" Step=0"		, Yaw=+489", Rol	#Peaks=1 Step=0"
MaxkeV=43 Rast=180"x1"	Pitch=-636", Ya	Mac.=EAI	MaxkeV=43 FePeak.c/s=8	Rast=0"x0" Rast=180"x1"	Pitch=-636", Yaw=+499", Roll=-20deg	FePeak, c/s=17	Rast=U"XU" Rast=180"x1"	Pitch=-634", Yaw=+489", Roll=-20deg	MaxkeV=43 Rast=180"x1"	Pitch=-634", Ya	FePeak.c/s=15	Rast=0"x0" Rast=200"x200"	Pitch=-634", Ya	FePeak, c/s=8	Rast=0"x0" Rast=10"x10"		Pitch=-634",Ya	MaxkeV=97 FePeak.c/s=16 Rast=10"x10"
Event # = 8835 Tot Cts=1468 Exp #=65283		AR4990	Tot Cts=1364 FePeak=20:55	Exp #=65283		FePeak=22:19	Exp #=65285		Tot Cts=146 Exp #=65285		FePeak=23:11	Exp #=65286		FePeak=23:22	Exp #=65287	D0Y=105		Tot Cts=7029 FePeak=00:02 Exp #=65293
Associated Qual=01 3A	N23E51	N22E58	Qual=03 Qual=01 Qual= 4	Code=00	N23E51	Qual=01 Qual= 1		N23E50	Qual=01 Qual=01 Code=00	N23E50	Qua]=05 Qua]= 5	Code=02	N23E50	Qua]=01 Qua]= 1	Code=00	88/04/14	N23E50	\ual=02 \ual=01 \ual= 1 \code=00
As Peakc/s=95 Wavelength=2788A	SMM Pointing:	HaClass=SF	Importance-cz Peakc/s=113 CaPeak.c/s=22	Wavelength=2788A	SMM Pointing:	Importance=C2 CaPeak.c/s=28	Wavelength=2788A	SMM Pointing:	Importance=C2 Peakc/s=110 Wavelength=2788A	SMM Pointing:	Importance=C2 CaPeak.c/s=19	Wavelength=1375A	SMM Pointing:	Importance=Cl CaPeak.c/s=22	Wavelength=1375A		SMM Pointing:	Importance=C1 (Peakc/s=121 (CaPeak.c/s=27 (Wavelength=1375A (245/290 410/21
20:32:27			20:54:00 20:58		+	22:25 22:24			22:32 22:29:30	10 min + 7 min	23:20 23:15			23:29 23:27			Fnd +impo	i. (b)
20:31:22	D0Y=104	20.E6	20:53:13 20:56			22:17 22:17		DOY=104	22:30 22:29:19	DOY=104	23:05 23:11			23:22 23:23			22	00:07 23:58:05 00:04 cy (MHz)/F
* 20:31:18 20:54	# = 8836 /13,20:56	31 31 20.52	* 20:52:20 20:54	20:54	# = 21554 /13,22:17	22:13 22:16 22:16	22:27	# = 8837 /13,22:30	22:26 22:26 22:29:12 22:27	# = 21555 1/13,23:05	23:02 23:11	23:11	# = 21556 /13,23:22 Start	23:20 23:22	23:12		# = 8838 /14,00:07 Start	23:56 23:56 23:57: 00:00 23:58 Frequ
HXRBS*	Event 88/04/	Optica	HXRBS* BCS	UVSP	Event 88/04/	GOES BCS BCS	UVSP	Event 88/04/	GOES HXRBS* UVSP	Event 88/04/	GOES	UVSP	Event 88/04/	GOES	UVSP		Event 88/04/	GOES HXRBS* BCS UVSP Radio

Event # 88/04/1	= 8839 4,01:40	DOY=105		SMM Pointing:	N23E49		Pitch=-631", Yaw	, Yaw=+477", Roll=-20deg	I=-20deg	H.Ang=56deg
GOES HXRBS* BCS	Start 01:18 01:18:17 01:19	Peak 01:40 01:18:58 01:20	End times 02:03 01:19:42 01:23	<pre>Importance=C2 Peakc/s=211 CaPeak.c/s=26</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=3817 FePeak=01:19	MaxkeV=79 FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=810501
uvsp Radio	01:33 Frequenc	01:33 Frequency(MHz)/Flux(sfu)	Jux(sfu):	Wavelength=1375A Code=00 245/30 410/57 606/45	Code=00 5/45	Exp #=65301	Rast=10"x10" Rast=10"x10"	Step=0"	cad=1.02s Pitch=-612'	.cad=1.02s 1.024s/plxel Pitch=-612",Yaw=+439"
74/	# = 21557 '14,02:29 Start	DOY=105 Peak	End times							
BCS FCS	02:28	02:29	02:33		Qual=00 Qual= 1	FePeak=02:29	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=810502 1.024s/pixel
UVSP	07:70			wavelengtn=13/5A		Exp #=65303	Kast=10"x10"			, Yaw=+500"
Event 88/04/	# = 21558 /14,03:14 Start	DOY=105	Fnd + imes	SMM Pointing:	N23E48		Pitch=-629", Yaw	, Yaw=+467", Roll=-20deg	=-20deg	H.Ang=55deg
()	1,55	03.14	.17	HaClass=SF	N22E49	AR4990	Mac.=FAI	Carr.Lon.=277deg	=277deg	H.Ang=55deg
BCS.	03:11	03:14	03:15		Qual= 1	FePeak=03:12	FePeak.c/s=12		dt= 7.7s	XEN=810503
uvsp	03:08			Wavelength=1375A	Code=00	Exp #=65309	Rast=0 x0 Rast=10"x10"	Step=0"		1.0248/p1xe1 ",Yaw=+501"
Event 88/04/	# = 8840 /14,04:39	DOY=105	# P P P P P P P P P P P P P P P P P P P	SMM Pointing:	N23E47		Pitch=-626", Yaw=+457", Roll=-20deg	=+457", Roll	=-20deg	H.Ang=54deg
GOES HXRBS* UVSP	34474 04:15 04:25:58 04:39	7eak 04:39 04:36:36	05:00 04:42:05	Importance=C7 Peakc/s=120 Wavelength=1375A	Qual=03 Qual=01 Code=02	Tot Cts=10706 Exp #=65316	MaxkeV=43 Rast=200"x200"	Step=5"	Pitch=-619",Yaw=+468"	, Yaw=+468"
Event 88/04/	# = 8841 /14,07:26	D0Y=105	+ + C	SMM Pointing:	N23E46		Pitch=-623", Yaw=+447", Roll=-20deg	=+447", Roll	=-20deg	H.Ang=53deg
GOES HXRBS* UVSP Radio	35af L 07:23 07:21:54 07:14 Frequen	07:26 07:22:25 cy(MHz)/F	2.21	Importance=Cl Peakc/s=111 Wavelength=1375A 245/230	Qual=01 Qual=01 Code=00	Tot Cts=900 Exp #=65327	MaxkeV=43 Rast=10"x10"	Step=0"	Pitch=-580",Yaw=+423"	', Yaw=+423"
Event 88/04/	# = 8842 14,09:29	DOY=105	4:4	SMM Pointing:	N23E45		Pitch=-621", Yaw=+436", Roll=-20deg	=+436", Roll	l=-20deg	H.Ang=52deg
GOES HXRBS* UVSP	31417 09:22 09:23:08 09:20	76ak 09:29 09:23:45	10:19 10:24:47	Importance=C2 Peakc/s=167 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=3255 Exp #=65338	MaxkeV=79 Rast=10"x10"	Step=0"	Pitch=-586	Pitch=-586",Yaw=+391"

COT = .	:	SMM Pointing:	N23E43		Pitch=-613", Ya	, Yaw=+414", Rol	, Roll=-20deg	H.Ang=51deg
Peak 12:13 12:13:53 12:15	End times 12:21 12:15:00 12:18	Importance=C2 Peakc/s=1548 CaPeak.c/s=29	Qual=01 Qual=01 Qual= 1	Tot Cts=20200 FePeak=12:15	MaxkeV=169 FePeak.c/s=10	iii	it= 7.7s	XEN=810504
		Wavelength=2788A		Exp #=65342	Rast=U"XU" Rast=180"x1"	Step=0" Step=0"	Cad=1.025 1 Pitch=-480",	1.0245/p1xel ", Yaw=+339"
D0Y=105	10 mm	SMM Pointing:	N23E42		Pitch=-612", Yaw	, Yaw=+404", Roll=-20deg	]≖-20deg	H.Ang=50deg
	14.07	HaClass=SF	N23E46	AR4990	Mac.=FAI	Carr.Lon.=274deg	=274deg	H.Ang=53deg
14:00 13:57:54 13:59	14:0/ 13:58:25 14:01	<pre>Importance=L1 Peakc/s=150 CaPeak.c/s=24</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=1262 FePeak=13:59	MaxkeV=61 FePeak.c/s=8		dt= 7.75	XEN=810505
		Wavelength=2788A	Code=02	Exp #=65344	Kast=U"XU" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-477",	1.024s/p1xel ",Yaw=+329"
DOY=105		SMM Pointing:	N23E42		Pitch=-612", Yaw	, Yaw=+404", Rol	, Roll=-20deg	H.Ang=50deg
raak		HaClass=SF	\$12E04	AR4989	Mac.=DAI	Carr.Lon.ª	=316deg	H.Ang=8deg
15:02 14:57:19	15:21 14:58:23	<pre>Importance=t3 Peakc/s=98 Wavelength=2788A</pre>	Qual=01 Qual=01 Code=01	Tot Cts=2021 Exp #=65345	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=-475"	', Yaw=+327"
D0Y=105	1	SMM Pointing:	N23E39		Pitch=-604", Yaw=+373"	#=+373", Rol	, Roll=-20deg	H.Ang=48deg
ak :35:35	19:3	Peakc/s=190 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=807 Exp #=65351	MaxkeV=97 Rast=180"x1"	Step=0"	Pitch=-468"	, Yaw=+298"
D0Y=105		SMM Pointing:	N23E39		Pitch=-604", Yav	,Yaw=+373",Roll=-20deg	1=-20deg	H.Ang=48deg
		HaClass=2B Code=LPS	N25E37 N21E41	AR4990 AR4990	Mac.=FAI	Carr. Lon. =280deg Carr. Lon. =276deg		H.Ang≈47deg H.Ang≈48deg
.9:42 .9:38:16	19:57 20:01:28	<pre>Importance=X1 Peakc/s=31060</pre>		Tot Cts=5.58E+6	MaxkeV=318	Flags=M5		,
:44	19:40:00 20:02	CaPeak.c/s=3151	Qual= 1	FePeak=19:44	FePeak.c/s=1962	#Peaks=1	dt= 0.1s	Dur=120sec XEN=810508
:	:	Wayelength=2788A	Code=01	Exp #=65351	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad= 514s 5 Pitch=-468",	513.5s/pixel ,Yaw=+298"
26/11 Z)/F	<pre>Sweeps</pre>	1V/3 245/3900 410/810	606/820					
D0Y=105 Peak	End times	SMM Pointing:	N23E39		Pitch=-604", Yaw=+373"	#+373", Roll	, Roll=-20deg	H.Ang=48deg
:58:28		Peakc/s=636	Qual=00 Qual=01	Tot Cts=15500	MaxkeV=97	10-20-0	1907-1907 HASA -40-1001	V = 1.4 - 2.0 1 "

88/04/14,20:02	<u>8</u>		SMM Pointing:	N23E39		Pitch=-604", Yaw	, Yaw=+373", Roll=-20deg	=-20deg	H.Ang=48deg
ŗ	Peak	End times	•	01141=00					1
:05	20:02	20:14	CaPeak.c/s=119	Qual= 4	FePeak=20:02	FePeak.c/s=13		dt= 0.1s X	XEN=810507
20:24			Wavelength=2788A		Exp #=65352	Rast=180"x1"	Step=0"	rau= oous Pitch=-466"	, Yaw=+291"
8847 22:07	DOY=105	+	SMM Pointing:	N23E37		Pitch=-598", Yaw	, Yaw=+353", Roll=-20deg	=-20deg	H.Ang=46deg
21:43 21:48:00 21:59	22:07 21:50:30	22:15 21:58:00	<pre>Importance=C1 Peakc/s=111 Wavelength=2788A</pre>	Qual=02 Qual=01 Code=01	Tot Cts=8271 Exp #=65354	MaxkeV=114 Rast=180"x1"	Step=0"	Pitch=-463",Yaw=+282"	, Yaw=+282"
Event # = 8848 88/04/14,22:59	DOY=105		SMM Pointing:	N23E37		Pitch=-598", Yaw	, Yaw=+353", Roll	, Roll=-20deg	H.Ang=46deg
ימן ר היה	<b>~</b> 1/	20 PC.	HaClass=SF	S15W00	AR4989	Mac.=DAI	Carr.Lon.=315deg	315deg	H.Ang≖9deg
2:53:41 2:58	22:54:19	22:55:46	Importance=tz Peakc/s=163 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=4684 Exp #=65357	MaxkeV=61 Rast=200"x200"	Step=5"	Pitch=-588"	, Yaw=+358"
44.4				88/04/15	5 DOY=106				
Event # = 8849 88/04/15,02:47	00Y=106	+ +	SMM Pointing:	N23E35		Pitch=-589",Yaw	, Yaw=+322", Roll	, Roll=-20deg	H.Ang=44deg
ישור ר	reak 02.47		HaClass=SN	N25E71	AR4995		Carr.Lon.=242deg	242deg	H.Ang=75deg
02:40:15 02:41	02:40:59 02:43	02:44:14 02:46:14	Importance=c4 Peakc/s=2098 CaPeak.c/s=42	Qual=01 Qual=01 Qual= 1	Tot Cts=60944 FePeak=02:43	MaxkeV=206 FePeak.c/s=12		dt= 7.7s	XEN=810600
02:38			Wavelength=1375A	Code=00	Exp #=65378	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-556",	1.024s/p1xe! ",Yaw=+274"
Event # = 8926 88/04/15,13:35 Start	DOY=106 Peak	End times	SMM Pointing:	N23E29		Pitch=-568",Yaw	,Yaw=+252",Roll	, Roll=-20deg	H.Ang=40deg
3:34:56 3:39			Peakc/s=83 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=682 Exp #=65412	MaxkeV=43 Rast=180"x1"	Flags=I Step=0"	Pitch≖-432"	, Yaw=+176"
21560			SMM Pointing:	N23E29		Pitch=-568", Yaw	, Yaw=+252", Roll	, Roll=-20deg	H.Ang=40deg
3tart 14:05 14:22	14:13 14:22	14:38 14:27	Importance=C2 CaPeak.c/s=24	Qual=05 Qual= 5	FePeak=14:23	FePeak.c/s=8		dt= 7.7s	XEN=810601
4:15			Wavelength=2788A	Code=02	Exp #=65413	Rast=180"x1"	Step=0"	cdu=1.023 1 Pitch=-430",	1.0245/pixei ", Yaw=+173"
8850 16:09	D0Y=106	+ P.C.	SMM Pointing:	N23E28		Pitch=-561", Yaw	, Yaw=+231", Roll=-20deg	=-20deg	H.Ang=39deg
GOES 16:06 HXRBS* 16:06:57 UVSP 15:48	16:09 16:07:17	16:11 16:07:28	Importance=Cl Peakc/s=147 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=871 Exp #=65415	MaxkeV=79 Rast=180"x1"	Step=0"	Pitch=-427",Yaw=+162"	, Yaw=+162"

Event # = 8851 88/04/15,17:42 Start	DOY=106	End +impo	SMM Pointing:	N23E27		Pitch=-557", Yaw=+221", Roll=-20deg	/=+221", Roll	=-20deg	H.Ang=39deg
GOES HXRBS* 17:42:18 UVSP 17:23	17:42:32	17:4	Peakc/s=83 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=254 Exp #=65417	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=-423",	', Yaw=+151"
Event # = 8852 88/04/15,17:51 Start GOES HXRBS* 17:51:31 UVSP 17:23	DOY=106 Peak 17:51:36	End times 17:51:47	SMM Pointing: Peakc/s=78 Wavelength=2788A	N23E27 Qual=00 Qual=01	Tot Cts=134 Exp #=65417	Pitch=-557", Yaw MaxkeV=61 Rast=180"x1"	,Yaw=+221",Roll " Step=0"	,Roll=-20deg H.Ang=39d 0" Pitch=-423",Yaw=+151	H.Ang=39deg , Yaw=+151"
Event # = 8853 88/04/15,18:16 Start GOES HXRBS* 18:16:38 UVSP 18:22	DOY=106 Peak 18:16:49	End times 18:17:21	SMM Pointing: Peakc/s=102 Wavelength=2788A	N23E27 Qual=00 Qual=01	Tot Cts=787 Exp #=65418	Pitch=-557", Yaw MaxkeV=61 Rast=180"x1"	,Yaw=+221",Roll " Step=0"	,Roll=-20deg H.Ang=39d 0" Pitch=-421",Yaw=+144	H.Ang=39deg ', Yaw=+144"
1-4	D0Y=10 Peak 19:38	End times		N23E26 N22E22 Qual=01	AR4990	Pitch=-554",Yaw Mac.=FAI	,Yaw=+210",Roll=-20de Carr.Lon.=282deg	, Roll=-20deg Lon.=282deg	H.Ang=38deg H.Ang=35deg
HXRBS* 19:36:02 BCS 19:26 FCS 19:26 UVSP 19:56  HXRBS* 19:22:19 UVSP 18:58	19:36:34 19:38  19:23:02	19:37:00 19:46 19:23:22	Peakc/s=111 CaPeak.c/s=50 Wavelength=2788A As Peakc/s=87 Wavelength=2788A	Qual=01 Qual= 1 Sociated Qual=01	Tot Cts=919 FePeak=19:39 Exp #=65420 Event # = 8854 Tot Cts=752 Exp #=65419	Maxkev=43 FePeak.c/s=15 Rast=0"x0" Rast=180"x1"  Maxkev=43 Rast=180"x1"	#Peaks=1 Step=0" Step=0" 	dt= 0.1s Cad=4.10s Pitch=-418" Pitch=-420"	dt= 0.1s XEN=810602 Cad=4.10s 4.096s/pixel Pitch=-418", Yaw=+133" 
Event # = 8856 88/04/15,20:12 Start Optical	D0Y=106 Peak	imes	SMM Pointing: HaClass=2B HaClass= <u>S</u> F	N23E26 S17W08 S19215	AR4992 AR4989	Pitch=-554", Yaw Mac.=DAO	, Yaw=+210", Roll=-20de Carr.Lon.=312deg Carr.Lon.=319deg	<b>b</b>	H.Ang=38deg H.Ang=14deg H.Ang=20deg
GUES 19:51 20:12 21:00 HXRBS* 19:56:30 19:57:55 20:01 UVSP 19:56 Type/Intensi Radio Sweeps Type/Intensi Radio Frequency(MHz)/Flux(sf	Z0:12 19:57:55 Type/I :y(MHz)/F	:08 L,t. :.:	Importance=M2 Peakc/s=105 Wavelength=2788A 11/1 1V/3 V/3 245/60 410/97 606	Qual=02 Qual=03 Tot C 88A Code=01 Exp # 3 606/140 1415/100	ts=3354 =65420 2695/150	MaxkeV=61 Rast=180"x1" 4995/200 8800/130	Flags=EN Step=0" 15400/78	Pitch=-418"	', Yaw=+133"
= 8857 5,21:22 Start 21:14	DOY=10 Peak 21:22	End times		N23E25 N23E21 Qua]=03	AR4990	Pitch=-550" Mac.=FA0	, Yaw=+199", Roll=-20de Carr. Lon.=282deg	,Roll=-20deg Lon.=282deg	H.Ang=38deg H.Ang=35deg
HXKBS 21:10:43 21:18:59 21:32:28 BCS 21:13 21:21 21:35 FCS UVSP 21:11 Radio Frequency(MHz)/Flux(sfu)	21:18:59 21:21 cy (MHz)/F	xo	Peakc/s=53/ CaPeak.c/s=1196 Wavelength=1375A 245/51 410/170 60	Qual=01 Qual= 1 Code=00 06/140 141	kc/s=53/ Qual=01 Tot Cts=1.56E+5 eak.c/s=1196 Qual= 1 FePeak=21:20 elength=1375A Code=00 Exp #=65426 /51 410/170 606/140 1415/120 2695/45 19	5 MaxkeV=150 FePeak.c/s=346 Rast=0"x0" Rast=10"x10" 15400/45	#Peaks=1 Step=0" Step=0"	dt= 3.8s X Cad=35.8s 3 Pitch=-522",	XEN-810603 35.84s/pixel ",Yaw=+162"

Event 88/04/	t/15,22:56	D0Y=106 Deak	Fnd + impo	SMM Pointing:	N23E24		Pitch=-547", Yaw=+187", Roll=-20deg	=+187", Roll	=-20deg	H.Ang=37deg
GOES HXRBS* UVSP Radio	22:53:26 22:46 Sweeps	52	23:05:15 trensity:	Peakc/s=102 Wavelength=1375A II/3	Qual=00 Qual=01	Tot Cts=10691 Exp #=65434	MaxkeV=97 Rast=10"x10"	Step=0"	Pitch=-493"	, Yaw=+120"
					88/04/16	6 DOY=107				
Event 88/04/	vent # = 21561 8/04/16,01:57	1	.,	SMM Pointing:	N23E23	ı	Pitch=-539", Yaw=+165", Roll=-20deg	-+165", Roll	=-20deg	H.Ang=36deg
GOES BCS	31a71 01:52 01:56	01:57 01:58 01:58	02:12 02:06	Importance=C1 CaPeak.c/s=23	Qual=01 Qual= 4	FePeak=01:58	FePeak.c/s=9	_	dt= 7.7s	XEN=810700
UVSP	01:54			Wavelength=1375A	Code=00	Exp #=65450	Rast=10"x10"	Step=0"	cad=1.025 1 Pitch=-511",	1.0245/p1xe1 ", Yaw=+118"
Event 88/04/	Event # = 8859 88/04/16,12:46	DOY=107		SMM Pointing:	N23E17		Pitch=-512", Yaw=+83", Roll=-20deg	r=+83", Roll=	20deg	H.Ang=33deg
Optical	3tart 		13.01	Class=SF	N22E10	AR4990	Mac.=FKI	Carr.Lon.=285deg	-285deg	H.Ang=29deg
HXRBS*	12:40:04 12:38	12:40:29 12:45	12:01 12:40:50 13:11	<pre>importance=tz Peakc/s=107 CaPeak.c/s=67</pre>	Vual=01 Qual=01 Qual= 1	Tot Cts=362 FePeak=12:44	MaxkeV=43 FePeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=810701
UVSP	13:11			Wavelength=2788A		Exp #=65488	Kast=b0"xb0" Rast=180"x1"		Cad=35.95 I Pitch=-376",	1.0245/p1xe1 ",Yaw=+6"
Event 88/04/	Event # = 8860 88/04/16,13:09	DOY=107		SMM Pointing:	N23E17		Pitch=-512", Yaw	, Yaw=+83", Roll=	, Roll=-20deg	H.Ang=33deg
Optica	) start 11		ŝ	HaClass=SF	N24E50	AR4995	Mac.=DRO	Carr.Lon.=244deg	-244deg	H.Ang=57deg
HXRBS* UVSP	13:06:28 13:11	13:06:49	13:07:51	ımportance=cz Peakc/s=102 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=1137 Exp #=65488	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=-376"	', Yaw=+6"
Event 88/04/	Event # = 8861 88/04/16,13:14	D0Y=107		SMM Pointing:	N23E17		Pitch=-512", Yaw=+83"	+83", Roll=	, Roll=-20deg	H.Ang=33deg
Optica Core	Start 11 12.11		S E	HaClass=SF	N24E50	AR4995	Mac.=DRO	Carr.Lon.=244deg	=244deg	H.Ang=57deg
HXRBS* 1	, 13:10:13 13:11	3 13:11:01	13:12:01	Peakc/s=134 Wavelength=2788A	Qual=01 Code=00	Tot Cts=2650 Exp #=65488	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=-376"	', Yaw=+6"
Event 88/04/	t # = 21562 4/16,13:46	DOY=107	End +imac	SMM Pointing:	N23E17		Pitch=-512", Yaw=+83", Roll=-20deg	/=+83", Roll=	20deg	H.Ang=33deg
GOES BCS BCS	13:54 13:54	13:46 13:55	14:25 14:04	Importance=C1 CaPeak.c/s=20	Qual=05 Qual= 5	FePeak=13:54	FePeak.c/s=8		dt= 7.7s X	XEN=810702
UVSP	13:46			Wavelength=2788A	Code=02	Exp #=65489	Rast=180"x1"	Step=0"	Pitch=-374'	1.0243/pixer

6.22.37 16.23:00 Peakc/s-819 MaxkeV-61 Rast=180'x1' Step=0" Pitch-36" Pitch-36" Peakc/s-819 Averlength=278.8A Code=00 Exp #=65692 Rast=180'x1' Step=0" Pitch-26e9 Pitch-36" Pitch-36	# = 8862 /16,16:21			SMM Pointing:	N23E15		Pitch=-504", Yaw	, Yaw=+61", Roll	, Roll=-20deg	H.Ang=32deg
Nov-107   SMM Pointing:   Ncseciated Event   f = 8863   MaxkeV-43   NaxkeV-43   NaxkeV-4	Start 16:14 16:14:5 16:19	Peak 16:21 16:16		Importance=C2 Peakc/s=119 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=2609 Exp #=65492	x1	Step=0"	Pitch=-367"	. Yaw=-18"
DOY=107   Park   Pointing: N23E13   Pitch=-496", Yaw=+36", Roll=-20deg   Park   Pointing: N23E13   Park   Pointing: N23E13   Park   Pointing: N23E13   Park   Pointing: N23E13   Park	* 16:22:08	16:22		Peakc/s=85	ssociated Qual=01	Event # = 8863 Tot Cts=756		1 1 1	1 1 1 1	 
9.28.13 19:28:38	# = 8864 /16,19:29	00Y=10		SMM Pointing	N23E13		Pitch=-496", Yaw	+=+36", Roll:	=-20deg	H.Ang=31deg
Mayor   Mayo	3547 19:26 * 19:27:54 19:27	19:29 19:28		Impor Peak. Wavel	Qual=03 Qual=01 Code=00	Cts=815 #=65496	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=-359"	', Yaw=-42"
Name	# = 2156. /16,20:10	3 D0Y=107	-	Pointing	N23E13		Pitch=-492", Yaw	r=+24", Roll:	=-20deg	H.Ang=31deg
The column	start al	76ak		HaClass=SF	N22E06	AR4990	Mac.=FKI	Carr.Lon.	=285deg	H.Ang=28deg
Mavelength=1375A Code=02   Exp #=65497   Rast=200"x200"   Step=5"   Pitch=-484	20:10	20:10	20:53	Importance=c9 CaPeak.c/s=289	Qual= 5	FePeak=20:10	FePeak.c/s=52	#Peaks=1	dt= 3.8s	XEN=810703
OY=107         SMM Pointing:         N23E13         Pitch=-492", Yaw=+24", Roll=-20deg           Cos 33:47         End times         Qual=00	20:11			ē	Code=05	Exp #=65497	Rast=240"x240" Rast=200"x200"	Step=15 Step=5"	cad= 1318 Pitch=-484"	U.512S/plxel ,Yaw=+36"
Overline   Continue	# = 8865 /16,20:33	1	+ had	Pointing	N23E13		Pitch=-492", Yaw	/=+24", Roll	=-20deg	H.Ang=31deg
Pitch=-492", Yaw=+24", Roll=-20deg  Oual=00  Oual=00  Oual=01  End times  Wavelength=1375A  Oual=01  Overage  Oual=01  Overage  Oual=01  Overage  Overage  Oual=01  Overage  O	20:33:20 20:28			Y.	Qual=00 Qual=01	Tot Cts=190 Exp #=65500	MaxkeV=43 Rast=10"x10"	Step=0"	Pitch=-434"	, Yaw=-61
0:34:54 20:35:23 Peakc/s=94 Qual=01 Tot Cts=468 MaxkeV=61 Rast=10"x10" Step=0" Pitch=-434"  0y=107 SMM Pointing: N23E13 Peakc/s=239 Qual=01 Tot Cts=7952 MaxkeV=61 Rast=200"x200" Step=5" Pitch=-483"  0:42 20:50 Importance=C6 Qual=01 Tot Cts=7952 MaxkeV=61 Rast=200"x200" Step=5" Pitch=-483"  0y=107 SMM Pointing: N23E13 Peakc/s=109 Qual=01 Tot Cts=7952 MaxkeV=43 Rast=200"x200" Step=5" Pitch=-483"  0y=107 SMM Pointing: N23E13 Peakc/s=109 Qual=01 Tot Cts=674 MaxkeV=43 Rast=10"x10" Step=0" Pitch=-433"	# = 8866 /16,20:34			Pointing	N23E13		Pitch=-492", Yaw	f=+24", Roll:	=-20deg	H.Ang=31deg
Pitch=-492", Yaw=+24", Roll=-20deg eak	20:34:38 20:28		-		Qua]=00 Qua]=01	Tot Cts=468 Exp #=65500	MaxkeV=61 Rast=10"x10"	Step=0"	Pitch=-434"	, Yaw=-61"
0:42 20:50   Importance=C6	# = 8867 /16,20:42	D0Y=107		SMM Pointing:	N23E13		Pitch=-492", Yaw	/=+24", Roll:	=-20deg	H.Ang=31deg
OY=107 SMM Pointing: N23E13 Pitch=-492",Yaw=+24",Roll=-20deg eak End times 0:52 21:00 Importance=C3 Qual=01 Tot Cts=674 MaxkeV=43 Mayelength=1375A Code=OO Exp #=65502 Rast=10"x10" Step=O" Pitch=-433"	20:40 20:39:55 20:41	20:42 5 20:41:18	20:50 20:50 20:43:29	Importance=C6 Peakc/s=239 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=7952 Exp #=65501	MaxkeV=61 Rast=200"x200"	Step=5"	Pitch=-483"	, Yaw=+32"
eak chartance=C3 Qual=O1 0:52 21:00 Importance=C3 Qual=O1 Tot Cts=674 MaxkeV=43 0:50:11 20:50:35 Peakc/s=109 Qual=O1 Tot Cts=674 MaxkeV=43 Wavelength=1375A Code=O0 Exp #=65502 Rast=10"x10" Step=O"	# = 8868 /16,20:52	DOY=107	1	SMM Pointing	N23E13		Pitch=-492", Yaw	r=+24", Roll:	=-20deg	H.Ang=31deg
	20:50 20:49:50 20:43	20:52 20:50:11	21:00 20:50:35	Importance=C3 Peakc/s=109 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=674 Exp #=65502	MaxkeV=43 Rast=10"x10"	Step=0"	Pitch≖-433"	, Yaw≖-63"

Event # 88/04/16	t, # = 8869 1/16,21:02	D0Y=107	+	SMM Pointing:	N23E13		Pitch=-492", Yaw	', Yaw=+24", Roll=	", Roll=-20deg	H.Ang=31deg
GOES HXRBS* 2 UVSP	21:02:06 20:58	21:02:20	21:	Peakc/s=167 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=1123 Exp #=65504	MaxkeV=79 Rast=10"x10"	Step=0"	Pitch=-427",Yaw=-60"	, Yaw=-60"
Event # 88/04/16	= 8870 5,22:16	DOY=107	1 :	SMM Pointing:	N23E12		Pitch=-486", Yaw	, Yaw=+13", Roll=	, Roll=-20deg	H.Ang=31deg
GOES HXRBS* BCS	Start GOES 22:10 HXRBS* 22:09:11 BCS 21:44	Peak 22:16 22:13:45 22:14	End times 22:26 22:16:38 22:35	Importance=C9 Peakc/s=654 CaPeak.c/s=376	Qual=01 Qual=01 Qual= 1	Tot Cts=51203 FePeak=22:14	MaxkeV=79 FePeak.c/s=109		dt= 3.8s	XEN=810704
FCS UVSP	22:14			Wavelength=1375A	Code=00	Exp #=65509	Kast=0"x0" Rast=200"x200"	Step=U" Step=5"	cad=35.85 Pitch=-479"	cad=35.8S 35.84S/plxel Pitch=-479",Yaw=+20"
Event # 88/04/10	= 8871 5,22:36	i	4	SMM Pointing:	N23E12		Pitch=-486", Yaw	, Yaw=+13", Roll=-20deg	*-20deg	H.Ang=31deg
GOES HXRBS* UVSP	5* 22:26 22:26 5* 22:26:32 22:33	22:36 22:28:54	22:43 : 22:30:58	Importance=C3 Peakc/s=134 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=4260 Exp #=65512	MaxkeV=43 Rast=10"x10"	Step=0"	Pitch≖-428"	, Yaw=-78"
					88/04/17	7 DOY=108	The second secon			
Event # = 21564 88/04/17,00:05 Start GOES 00:00 BCS 00:03	= 21564 7,00:05 Start 00:00 00:03	D0Y=108 Peak 00:05 00:05	End times 00:12 00:09	Importance=C2 CaPeak.c/s=38	Qual=01 Qual= 1	FePeak=00:04	FePeak. C/s=14		dt= 7.7s X	XEN=810800
	00:04			Wavelength=1375A	Code=00	Exp #=65519	Kast=0.x0. Rast=200"x200"	Step=0	cdd=1.02s Pitch=-474"	1.0245/pixel ", Yaw=+6"
Event # 88/04/1	= 8872 7,01:06	D0Y=108		SMM Pointing:	N23E10		Pitch=-480", Yaw=-10", Roll=-20deg	=-10", Roll	=-20deg	H.Ang=30deg
Start GOES 00:58 HXRBS* 01:00:45 ( BCS 01:04 (	Start 00:58 01:00:45 01:04	01:06 01:04:26 01:05	01:22 01:06:37 01:49	Importance=C5 Peakc/s=225 CaPeak.c/s=248	Qual=01 Qual=01 Qual= 1	Tot Cts=13740 FePeak=01:05	MaxkeV=79 FePeak.c/s=43	#Peaks=1	dt= 3.8s	dt= 3.8s XEN=810801
FCS UVSP Radio S	00:54 Sweeps	Type/I	Type/Intensity:	Wavelength=1375A V/2	Code=00	Exp #=65522	Rast=10"x10"	Step=0"	Pitch=-417	, Yaw=-91"
Event # 88/04/1	= 8873 7,03:19	DOY=108	1	SMM Pointing:	N23E09		Pitch=-474", Yaw=-24", Roll=-20deg	=-24", Roll:	=-20deg	H.Ang=30deg
3 Lart 60ES 03:05 HXRBS* 03:12:3 BCS 03:15		3 03:14:26 03:16	03:28 03:15:17 03:23	Importance=Cl Peakc/s=69 CaPeak.c/s=35	Qual=03 Qual=01 Qual= 1	Tot Cts=1226 FePeak=03:15	MaxkeV=43 FePeak.c/s=10	#Peaks=1	dt= 7.7s	dt= 7.7s XEN=810802 Cad=1 02s 1 024s/mixel
	03:13 Frequer	03:13 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=1375A 245/190	Code=01	Exp #=65535	Rast=200"x200"	Step=5"	cad-1.023	, Yaw=-19"

Event # 88/04/1	Event # = 8874 88/04/17,04:34	DOY=108	:	SMM Pointing:	N23E08		Pitch=-470", Yaw	, Yaw=-37", Roll=	, Roll=-20deg	H.Ang=29deg
Optical	Start	Peak	times	HaClass=SB	N24E05	AR4990	Mac.=FKI	Carr.Lon.=281deg	=281deg	H.Ang=30deg
HXRBS*	04:23:44 04:28:44 04:28	04:34 04:29:21 04:34	04:43 04:37:40 04:55	Importance=mi Peakc/s=718 CaPeak.c/s=651	Qual=01 Qual=01 Qual= 1	Tot Cts=72511 FePeak=04:34	MaxkeV=150 FePeak.c/s=206	Flags=M5 #Peaks=1	dt= 3.8s	XEN=810803
UVSP Radio	04:32 Frequency(MHz)/Flux(sfu)	:y(MHz)/F	lux(sfu):	Wavelength=1375A Code=00 245/290 410/460 1415/660		Exp #=65541 2695/60	Rast=0.x0" Rast=200"x200"		cad=35.85 3 Pitch=-462",	35.84s/pixel ",Yaw=-29"
Event # 88/04/1	t # = 21565 1/17,04:55 Start	D0Y=108 Peak	End times	d3_sact 7 cu	NOACOE	OCOPAC	7.0	200 - 200 - 200 C	200	TO POOR TO SERVICE STATE OF THE SERVICE STATE STATE OF THE SERVICE STATE STATE OF THE SERVICE STATE STATE STATE OF THE SERVICE STATE
GOES GOES BCS	04:55	04:55	04:57	. م	0ual=00 Qual= 5 Qual= 5	AR4990 FePeak=04:56	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=810804
UVSP	04:48			Wavelength=1375A		Exp #=65544	Kast=U"xU" Rast=10"x10"		Cad= 860s Pitch=-451	860.4s/p1xel ',Yaw=-91"
Event # 88/04/1	7,06:02	DOY=108	4	SMM Pointing:	N23E07		Pitch=-466", Yaw=-49", Roll=-20deg	49", Roll=	20deg	H.Ang=29deg
GOES HXRBS* BCS	5.471 05:53 05:58:53 06:00	96:02 05:59:11 06:02	06:09 06:09 06:06:08 06:06	Importance=C2 Peakc/s=149 CaPeak.c/s=40	Qual=01 Qual=01 Qual= 1	Tot Cts=2164 FePeak=06:01	MaxkeV=61 FePeak.c/s=9	#Peaks=1		XEN=810805
UVSP	95:50	-		Wavelength=1375A	Code=00	Exp #=65548	Rast=0"x0" Rast=10"x10"		<u>.</u> <u>m</u>	1.024s/p1xel ",Yaw=-35"
Event # 88/04/1	Event # = 8876 88/04/17,09:20	DOY=108	Fnd + impo	SMM Pointing:	N23E06		Pitch=-458", Yaw=-74", Roll=-20deg	74", Roll=	20deg	H.Ang=29deg
GOES HXRBS* UVSP	95a 6 09:20:15 09:11	09:20:47	_	Peakc/s=122 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=1028 Exp #=65564	MaxkeV=43 Rast=10"x10"	Step=0"	Pitch=-434"	', Үам=-66"
Event # 88/04/1	Event # = 21566 88/04/17,15:37 Start	00Y=108 Peak	End times		8000					
0011ca 6065 805 805	15:28 15:33	15:37 15:34	15:49 15:38	HaLlass=SF Importance=C1 CaPeak.c/s=19	NZUWU4 Qua]=01 Qua]= 4	Ak4990 FePeak=15:33	Mac.=FKI FePeak.c/s=10	<pre>Carr.Lon.=284deg #Peaks=1 dt= 7. c+ca-o"</pre>	75	H.Ang=26deg XEN=810806
UVSP	15:50			Wavelength=2788A		Exp #=65574	Rast=0 x0 Rast=180"x1"		cdd=1.0cs Pitch=-297"	1.024s/pixel ',Yaw=-215"
Event # 88/04/1	Event # = 8877 88/04/17,16:01	DOY=108	End times	SMM Pointing:	N23E01		Pitch=-433", Yaw=	, Yaw=-137", Roll	, Roll=-20deg	H.Ang=28deg
Optical	3tai t 15.40	16.01		HaClass=SF	N20W04	AR4990	Mac.=FKI	Carr.Lon.=284deg	-284deg	H.Ang=26deg
HXRBS*	15:51:01 15:51	15:51:16 15:52	15:51:50 15:56	Peakc/s=92 CaPeak.c/s=25	Qual=01 Qual= 4	Tot Cts=538 FePeak=15:51	MaxkeV=43 FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=810807
UVSP	15:50		ene engli eneme i cel i enemente più a tra digitati di calcandina di calcandina	Wavelength=2788A	Code=01	Exp #=65574		- 1	Pitch=-297"	1.0243/pixer ,Yaw=-215"

17:122	Event # = 8878 88/04/17,17:22 [	DOY=108	1 - T	SMM Pointing:	N23W00		Pitch=-429", Yaw	, Yaw=-150", Roll	, Roll=-20deg	H.Ang=28deg	ı
17:13   17:18   17:1	3tai t		ב ב	HaClass=SF	N20E13	AR4990	Mac.=FKI	Carr.Lon.	=266deg	H.Ang=28deg	
17:24	17:11 17:13:35 17:17	44	3:27	Importance-cs Peakc/s=127 CaPeak.c/s=34	Qual=01 Qual=01 Qual= 1	Tot Cts=4611 FePeak=17:18	MaxkeV=61 FePeak.c/s=10		dt= 0.1s	XEN=810810	
7.22:14 DOY=108 7.22:14 DOY=109 7.22:14 DOY=109 7.22:14 DOY=109 7.22:14 DOY=109 7.22:10 DOY=109 7.22:10 DOY=109 7.22:11 DOY=109 7.22:12 DOY=10	17:2			Wavelength=2788A		Exp #=65576	kast=U"XU" Rast=180"x1"		cad=4.10s Pitch=-292"	4.096s/p1xel ",Yaw=-228"	
22:00 22:14 23:09 Importance=08 Qual=05 Tot Cts=43493 MaxkeV=61 Flags=EN Qual=05 Z2:10:43 Z2:12:03 PeakC/s=289 Qual=2 FePeak=22:12 Rast=0"x0" Step=0" Step=	L .		+ + + + + + + + + + + + + + + + + + +	1	N23W02		Pitch=-416", Yaw	=-187", Roll	=-20deg	H.Ang=28deg	1
22:03 22:10	32.00	CGN [11]	ין רוווני	Class=SF	N20W06	AR4990	Mac.=FKI	Carr.Lon.=	-282deg	H.Ang=26deg	
22:03  Type/Intensity: III/3 Frequency(MH2)/Flux(sfu): 245/150 410/79 606/36 2695/41 4995/23 Frequency(MH2)/Flux(sfu): 245/150 410/79 606/36 2695/41 4995/23  Z2:50	21:59:18 22:01	2:10:43 22 2:12 22	:12:03	o. carce-co kc/s=350 eak.c/s=289	Qual=03 Qual= 2 Qual= 2	Tot Cts=43493 FePeak=22:12	MaxkeV=61 FePeak.c/s=94		dt= 3.8s	XEN=810808	
##PEPP   ##PEPPP   ##PEPPPP   ##PEPPPP   ##PEPPPP   ##PEPPPP   ##PEPPPP   ##PEPPPP   ##PEPPPP   ##PEPPPP   ##PEPPPPP   ##PEPPPPP   ##PEPPPPP   ##PEPPPPP   ##PEPPPPP   ##PEPPPPP   ##PEPPPPP   ##PEPPPPP   ##PEPPPPPP   ##PEPPPPPP   ##PEPPPPPP   ##PEPPPPPPP   ##PEPPPPPPPPPP	22:03	T. 2007	.,	Wavelength=1375A	Code=01	Exp #=65588	Kast=0"x0" Rast=10"x10"		Cad=1.0Zs Pitch=-371"	1.024s/pixel ",Yaw=-266"	
22:50 22:52 23:04 CaPeak.c/s=42 Qual= 5 FePeak=22:50 FePeak.c/s=11 #Feaks=10" 22:52	Fred	'ype/inte '(MHz)/Flux	(sfu):	245/150 410/79 60	6/36 269	5/41 4995/23					
# = 8880  # avelength=1375A	22:50	2:52 23	. 69:	eak.c/s=42	Qual= 5	Event # = 2136/ FePeak=22:50	FePeak.c/s=11	•	dt= 3.8s	XEN=810809	
# = 8880  18,01:07  18,01:07  18,01:07  21,01:07  22:03  18,00:052  21:00  22:03  18,01:09  22:03  24,00:053  25:21  26,01:09  27:00:055  28,00:053  28,00:053  20,01:09  20:053  20:033  20:0	22:5			Wavelength=1375A		Exp #=65590	Kast=60"x60" Rast=10"x10"		cad=36.95 Pitch=-374"	1.024s/plxe! ",Yaw=-202"	
# = 8880  18,01:07					88/04/1						ı
Justic Feak End Clines  1 00:52 01:07 02:03 Importance=M3 Qual=03	vent # = 8880 8/04/18,01:07		(	Pointing	N23W04	I	Pitch=-406", Yaw	211", Roll	=-20deg	H.Ang=29deg	1
00:55  Type/Intensity: V/2  Type/Intensity: V/2  Frequency (MHz)/Flux(sfu); G06/30 2695/98 15400/61  Type/Intensity: V/2  Frequency (MHz)/Flux(sfu); G06/30 2695/98 15400/61  Start Peak End times  O4:06  O4	3.car.c 3.1 00.52				S34W56	AR4996	Mac.=CSO	Carr.Lon.⇒	331deg	H.Ang≈59deg	
00:56	, 00:55:21 01:19	56	33	3	Qual=03 Qual=01 Qual= 3	Tot Cts=2.22E+5 FePeak=01:20	MaxkeV=319 FePeak.c/s=11	#Peaks=1		XEN=810900	
# = 8881 18,04:16 DOY=109 SMM Pointing: N23W06 Pitch=-397",Yaw=-235",Rol Start Peak End times 04:07 04:15 04:28 CaPeak.c/s=207 Qual=01 Tot Cts=9629 Maxkev=61 Peaks=3 04:15 04:28 CaPeak.c/s=207 Qual=1 FePeak=04:12 FePeak.c/s=54 #Peaks=3 04:06 04:06 Wavelength=1375A Code=00 Exp #=65618 Rast=10"x0" Step=0"		Type/Inte	nsity:	elength=1375A	Code=00	Exp #=65602	Kast=U"xU" Rast=10"x10"	Step=0" Step=0"	. 52	1.024s/p1xel ',Yaw=-289"	
# = 8881 1/18,04:16 DOY=109 SMM Pointing: N23W06 Pitch=-397",Yaw=-235",Roll Start Peak End times O4:07 04:16 05:02 Importance=C5 Qual=03 Cts=9629 MaxkeV=61 FePeak.c/s=54 #Peaks=3 (04:08:41 04:11:20 04:15 04:28 CaPeak.c/s=207 Qual= 1 FePeak=04:12 FePeak.c/s=54 #Peaks=3 (04:05 04:05 04:06 Wavelength=1375A Code=00 Exp #=65618 Rast=10"x10" Step=0"		·(MHz)/Flux	(sfu):	/30 2695/98	5400/61						
04:07 04:16 05:02 Importance=C5 Qual=03 3* 04:07 04:16 05:02 Importance=C5 Qual=01 Tot Cts=9629 MaxkeV=61 03:35 04:15:05 Peakc/s=207 Qual= 1 FePeak=04:12 FePeak.c/s=54 #Peaks=3 03:35 04:15 04:28 CaPeak.c/s=207 Qual= 1 FePeak=04:12 FePeak.c/s=54 #Peaks=3 04:06 Maxelength=1375A Code=00 Exp #=65618 Rast=10"x10" Step=0"	# = 8881 /18,04:16 Start	6	8	Pointing	N23W06		Pitch=-397", Yaw	=-235", Roll	=-20deg	H.Ang=29deg	
04:06 Wavelength=1375A Code=00 Exp #=65618 Rast=10"xU" Step=U"	04:07 5* 04:08:41 03:35	50	05		Qual=03 Qual=01 Qual= 1	Tot Cts=9629 FePeak=04:12	MaxkeV=61 FePeak.c/s=54		dt = 3.8s	XEN=810901	
	UVSP 04:06			Wavelength=1375A	Code=00	Exp #=65618	kast=U"xU" Rast=10"x10"		cad=.26s Pitch=-348"	0.2565/plxe! ",Yaw=-313"	I

Event 88/04/	Event # = 8882 88/04/18,05:30 Start	D0Y=109 Peak	End times	SMM Pointing:	N23W07		Pitch=-101", Yaw	, Yaw=+456", Rol	, Roll=90deg	H.Ang=29deg
Optica GOFS	1) 05-18			HaClass=2F	N20W14	AR4990	Mac.=FKI	Carr.Lon.=286deg	≈286deg	H.Ang=29deg
HXRBS*	, 05:18:54 05:13	05:24:50 05:28	05:33:16 06:02	nmportance-nz Peakc/s=655 CaPeak.c/s=1081	Qual=01 Qual=01 Qual= 1	Tot Cts=1.46E+5 FePeak=05:26	—		dt= 7.7s	XEN=810902
UVSP Radio Radio	O 3	5:29 eeps Type/Intensity Frequency(MH2)/Flux(sfu)		Wavelength=1375A ( V/3 245/180	Code=00	Exp #=65624	kast=0.xU" Rast=10"x10"	Step=0" Step=0"	cad=35.8s 3	35.84s/p1xel ",Yaw≖+425"
Event 88/04/	Event # = 21568 88/04/18,06:02 Start	) D0Y=109 Peak	End times							
BCS UVSP	06:02 05:58	06:02	06:02	CaPeak.c/s=48 Wavelength=1375A	Qual=00 Qual= 5	FePeak=06:02 Exp #=65628	FePeak.c/s=6 Rast=10"x10"	#Peaks=1 Step=0"	dt= 7.7s XEN=810903 Pitch=-128",Yaw=+420"	XEN=810903 , Yaw=+420"
Event 88/04/	Event # = 21569 88/04/18,08:24 Start	DOY=109 Peak	End times							
Optical GOES (	~~	08:24		HaClass=SF Importance=Cl	N21₩14 Oual=05	AR4990	Mac.=FKI	Carr.Lon.=285deg	=285deg	H.Ang=30deg
S S S	08:28	08:28	08:31	CaPeak.c/s=19	Qual= 5	FePeak=08:30	FePeak.c/s=6		dt= 7.7s	XEN=810904
UVSP	08:23			Wavelength=1375A	Code=00	Exp #=65637	.00	Step=5"		1.024s/plxe: ',Yaw=-261"
Event 88/04/	Event # = 21570 88/04/18,12:05	DOY=109								
GOES	12:05 12:05 12:03	12:05 12:03	12:09 12:07	Importance=Cl CaPeak.c/s=18	Qua]=01 Qua]= 4	FePeak=12:03		_	dt= 7.7s	XEN=810905
UVSP	12:14			Wavelength=2788A	Code=02	Exp #=65647	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-238",	1.024s/pixel ",Yaw=-373"
Event 88/04/	: # = 21571 1/18,14:09 Start	D0Y=109 Peak	Fnd + impes							
GOES BCS	13:29 13:51	14:09 13:52	14:54 13:53	<pre>Importance=C1 CaPeak.c/s=19</pre>	Qua]=02 Qua]= 4	FePeak=13:52	FePeak.c/s=6		dt= 7.7s	XEN=810906
UVSP	14:24			Wavelength=2788A		Exp #=65650		Step=0" Step=0"	Cad=1.02s 1 Pitch=-230",	1.024s/pixel ,Yaw=-389"
Event 88/04/	# = 8884 18,15:26 Start	D0Y=109 Peak	End times	SMM Pointing:	N23W11		Pitch=-365", Yaw=	, Yaw=-319", Roll=-20deg		H.Ang=30deg
GOES HXRBS* UVSP	15:23 15:23:12 15:22	15:26 15:23:39	15:50 15:23:57	Importance=Cl Peakc/s=73 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=602 Exp #=65651	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=-228", Yaw=-396"	, Yaw=-396"

Event # = { 88/04/18,17	= 8886 3,17:56	DOY=109		SMM Pointing:	N21W16		Pitch=-313", Yaw	, Yaw=-370", Roll	, Roll=-20deg	H.Ang=30deg
,	Start	Peak	1 times	HaClass=SF	N21E01	AR4990	Mac.=FKI	Carr.Lon.=264deg	-264deg	H.Ang=26deg
GOES 1 HXRBS* 1 BCS 1	17:49 17:54:03 17:56	17:56 17:54:46 17:56	18:11 17:55:36 17:59	Importance=CZ Peakc/s=166 CaPeak.c/s=26	Qual=01 Qual=01 Qual= 5	Tot Cts=2819 FePeak=17:56	MaxkeV=61 FePeak.c/s=10	#Peaks=1 Sten=0"	dt= 0.1s X Cad=1 02s 1	XEN=810907 1 024s/nixe1
FCS UVSP 1	17:31 - 17:52:25	17:52:38	17:52:50	Wavelength=2788A As Peakc/s=87	3A Associated Qual=01	Exp #=65654 Event # = 8885 Tot Cts=315	= 1		Pitch=-178"	, Yaw=-185"
Event # 88/04/18	= 8887 8, 18:19	D0Y=109		SMM Pointing:	N21W16		Pitch=-313", Yaw	, Yaw=-370", Roll	, Roll=-20deg	H.Ang=30deg
GOES 1 HXRBS* 1 UVSP 1	Start 18:14 18:14:19 18:29	reak 18:19 18:14:40	End times 18:31 18:15:00	Importance=C1 Peakc/s=188 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=1091 Exp #=65655	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=-176'	Pitch=-176",Yaw=-193"
Event # = 8888 88/04/18,20:18	= 8888 8,20:18	DOY=109		SMM Pointing:	N21W16		Pitch=-308", Yaw	, Yaw=-382", Rol	, Roll=-20deg	H.Ang≖31deg
Optical	Start	Pea	End times	Ŧ	N23W04	AR4990	Mac.=FKI	Carr.Lon.=268deg	=268deg ·	H.Ang=29deg
GOES HXRBS* BCS FCS UVSP	20:00 20:01:56 20:06 20:04	20:18 20:05:13 20:08	20:45 20:08:34 20:09	Importance=CZ Peakc/s=234 CaPeak.c/s=27 Wavelength=2788A	Qua!=02 Qua]=01 Qua]= 3 Code=01	Tot Cts=10702 FePeak=20:08 Exp #=65657	MaxkeV=114 FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 0.1s Cad=1.02s Pitch=-171'	XEN=810908 1.024s/pixel ",Yaw=-205"
Event # 88/04/18	t # = 8889 1/18,20:54	D0Y=109	1	SMM Pointing:	N21W17		Pitch=-303", Yaw=-395"	=-395", Rol	, Roll=-20deg	H.Ang=31deg
Optical	Start	Peak	End times		S33W63	AR4996	Mac.=CSO	Carr.Lon.=327deg	=327deg	H.Ang≕65deg
GOES HXRBS* UVSP	20:52 20:52:27 20:50	20:54 20:52:59	21:05 20:53:14	Importance=LZ Peakc/s=85 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=545 Exp #=65659	MaxkeV=43 Rast=10"x10"	Step=0"	Pitch=-311"	", Yaw=-447"
					88/04/19	9 D0Y=110				
Event # 88/04/1 Optical		요합	-		N22W16	AR4990	Mac.=FKI	Carr.Lon.	=276deg	H.Ang=31deg
GOES BCS FCS	നന	03:02 03:04	03:33 03:20			FePeak=03:04	FePeak.c/s=11 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s X Cad= 131s 0	XEN=811000 0.512s/pixel
	03:03			Wavelength=1375A	. Code=02	Exp #=65690	Kast=ZUU"XZUU"		r 1 ccm==2//	, Taw==429
Event # 88/04/1	9,03:35	I .		SMM Pointing:	N21W21		Pitch=-284", Yaw=-441", Roll=-20deg	r=-441", Ro1	1=-20deg	H.Ang=33deg
GOES HXRBS* UVSP	GOES 03:34 HXRBS* 03:33:57 UVSP 03:35	03:35 7 03:34:20	03:36 03:34:50	Importance=Cl Peakc/s=144 Wavelength=1375A	Qual=01 Qual=01 Code=02	Tot Cts=917 Exp #=65694	MaxkeV=79 Rast=200"x200"	Step=5"	Pitch=-275	Pitch=-275", Yaw=-433"

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Event # 88/04/1	Event # = 8891 88/04/19,03:52	D0Y=110		SMM Pointing:	N21W21		Pitch=-284", Yaw	, Yaw=-441", Roll	, Roll=-20deg	H.Ang≖33deg
Optical		reak	r alles	HaClass=SF	N26E20	AR4995	Mac.=DAI	Carr.Lon.=240deg	=240deg	H.Ang=37deg
HXRBS*	03:47:25 03:47:25 03:43	03:47:41 03:46	04:09 03:47:58 03:59	Importance=uz Peakc/s=92 CaPeak.c/s=19	Qual=03 Qual=01 Qual= 4	Tot Cts=525 FePeak=03:44	MaxkeV=61 FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=811001
UVSP	03:52			Wavelength=1375A	Code=02	Exp #=65697	Rast=10"x0"		cad=4.10s 4 Pitch=-350",	4.096s/p1xe1 ", Yaw=-440"
Event # 88/04/1	= 21573 9,04:48	DOY=110	End +imac							
GOES		04:48 04:43	05:00 04:44	Importance=C1 CaPeak.c/s=18	Qual=01 Qual= 5	FePeak=04:43	FePeak.c/s=7			XEN=811002
	04:39			Wavelength=1375A	Code=00	Exp #=65699	Rast=10"x10"	Step=0"	cad=1.025 Pitch=-327"	1.024s/plxel ',Yaw=-395"
Event # 88/04/1	= 21574 9,12:49	DOY=110		,						
GOES	Start 12:42 12:28	12:49 12:48	13:13 13:09	Importance=C2 CaPeak.c/s=36	Qual=01 Qual= 1	FePeak=12:47	FePeak.c/s=9		dt= 7.7s	XEN=811003
UVSP	12:21			Wavelength=2788A		Exp #=65731	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-123",	1.024s/pixel ',Yaw=-324"
Event # 88/04/1	= 8892 9,19:12	DOY=110	3	SMM Pointing:	N21W29		Pitch=-237", Yaw=-552", Roll=-20deg	=-552", Roll	=-20deg	H.Ang=39deg
GOES HXRBS*	3.47. 18:58 18:55:11	19:12 19:08:45	19:42 19:40:35	Importance=C8 Peakc/s=631	Qual=01 Qual=03	Cts=2.10E	MaxkeV≖206	Flags≖I, EN		:
UVSP Radio	19:35 Frequenc	:y(MHz)/F	ux(sfu):	Wavelength=2788A 245/51 410/130 60	3A Exp 606/69 1415/44	#=65740 2695/130	Rast=180"×1" 5/180 8800/120	Step=0" P 15400/47	Pitch=-100", Yaw=-373"	', Yaw=-3/3"
Event # 88/04/1	Event # = 8893 88/04/19,20:41 DOY=110 5+3rt Dost	DOY=110	10 min	SMM Pointing:	N21W30		Pitch=-228", Yaw	, Yaw=-562", Roll	,Roll=-20deg	H.Ang=39deg
Optical	30.36	20.41	21.03	HaClass=SF	N22W16	AR4990	Mac.=FKI	Carr.Lon.=267deg	-267deg	H.Ang≕31deg
HXRBS* UVSP	20:35:04 20:37	20:39:17	20:42:12	5A	Qual=01 Qual=01 Code=00	Tot Cts=8765 Exp #=65744	MaxkeV=61 Rast=10"x10"	Flags=ND Step=0"	Pitch=-235"	', Yaw=-602"
	V000 -				88/04/20	) DOY=111				
88/04/2	# = 8894 /20,01:41 Start	DOY=111	End +imps	SMM Pointing:	N21W33		Pitch=-219",Yaw	, Yaw=-593", Roll	,Roll=-20deg	H.Ang=41deg
Optical		_	2		N21W29	AR4990	Mac.=FKI	Carr.Lon.=277deg	²277deg	H.Ang=39deg
HXRBS*	01:18:17 01:20	01:19:08 01:39	01:20:26 01:57	Peakc/s=137 CaPeak.c/s=109	Qual=01 Qual= 1	Tot Cts=2603 FePeak=01:38	MaxkeV=79 FePeak.c/s=18	#Peaks=2	dt= 7.7s X	XEN=811100
	01:33			Wavelength=1375A	Code=00	Exp #=65770	Rast=10"x10"	1	pitch=-241"	, Yaw=-540"

Event 88/04/	Event # = 8895 88/04/20,10:38	DOY=111		SMM Pointing:	N21W38		Pitch=-193", Yaw	, Yaw=-653", Rol	, Roll=-20deg	H.Ang=45deg
Optica	start 1 10:12	10.38		HaClass=SF	N21W40	AR4990	Mac.=FKI	Carr.Lon.	=283deg	H.Ang=47deg
HXRBS*	10:34:48 10:35	10:35:18 10:35:18 10:35	10:59:00 11:22	Importance=n1 Peakc/s=79 CaPeak.c/s=579	Qual=04 Qual=02 Qual= 5	Tot Cts=32400 FePeak=10:35	MaxkeV=61 FePeak.c/s=96	Flags=SA #Peaks=1	dt= 3.8s	XEN=811101
UVSP	10:35			Wavelength=2788A	Code=00	Exp #=65813	Kast=U~xU Rast=243"x243"		Cad=35.85 3 Pitch=-186",	35.84s/p1xel ',Yaw=-641"
Event #88/04/2	# = 21575 /20,12:00 Start	D0Y=111 Peak	Fnd times							
GOES	11:59	12:00	12:23	CaPeak.c/s=34	Qua]=00 Qua]= 5	FePeak=12:01	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=811102
UVSP	11:51			Wavelength=2788A		Exp #=65814	kast=U∵xU″ Rast=180"x1"	Step=0" Step=0"	cad=1.02s Pitch=-55",	1.024s/p1xel ',Yaw=-477"
44	# = 21576 20,13:15 Start	D0Y=111 Peak	End times							
Optica GOES	ا 13:06	13:15	14:10	HaClass=1N Importance=C6	N22W33 Qual=05	AR4990	Mac.=FKI	Carr.Lon.=275deg		H.Ang=42deg
BCS FCS UVSP	3:3	3:3	3:53	CaPeak.c/s=33 Wavelength=2788A		FePeak=13:35 Exp #=65816	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-51",	XEN=811103 1.024s/pixe1 ,Yaw=-487"
Event 88/04/;	Event # = 8896 88/04/20,14:19	D0Y=111		SMM Pointing:	N21W40		Pitch=-183", Yaw	, Yaw=-676", Roll=-20deg	1=-20deg	H.Ang=47deg
Optica	Start 1	reak	nd times	HaClass=SF	N23W37	AR4990	Mac.=FKI	Carr.Lon.=278deg	=278deg	H.Ang=46deg
GOES HXRBS* BCS	14:1/ 14:16:23 14:18	14:19 14:17:18 14:19	14:35 14:17:56 14:22	<pre>Importance=C1 Peakc/s=113 CaPeak.c/s=22</pre>	Qual=01 Qual=01 Qual= 4	Tot Cts=1366 FePeak=14:18	MaxkeV=61 FePeak.c/s=7	#Peaks=1		XEN=811104
UVSP	14:24			Wavelength=2788A	Code=02	Exp #=65817	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-49",	1.024s/pixel ,Yaw=-492"
Event 88/04/	# = 8897 20,16:06	DOY=111		SMM Pointing:	N21W41		Pitch=-177", Yaw=-686", Roll=-20deg	=-686", Rol	1=-20deg	H.Ang=48deg
GOES HXRBS* UVSP	GOES 15:59 HXRBS* 15:58:55 UVSP 15:59		16:59 16:01:52	Importance=Cl Peakc/s=81 Wavelength=2788A	Qual=02 Qual=01 Code=00		MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=-43",	aw=-501"
BCS FCS UVSP	_16:40	16:43 16:56	16:57	As CaPeak.c/s=36 Peak3c/s=64 Wavelength=2788A	Ssociated Qual= 6	Event # = Z15// FePeak=16:56 Exp #=65820	FePeak.c/s=5 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 0.1s Cad=1.02s Pitch=-42",	xen=811107 1.024s/pixel ,Yaw=-504"
	# = 21578 /20,17:08 Start	DOY=111 Peak	End times							
GOES BCS FCS UVSP	17:08	17:08 17:09	17:09	CaPeak.c/s=39 Peak3c/s=5 Wavelength=2788A	Qual=00 Qual= 6	FePeak=17:08 Exp #=65821	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 0.1s Cad=1.02s Pitch=-39",	XEN=811108 1.024s/pixel ,Yaw=-510"
										and the second s

Event # = 8898 88/04/20,22:04	= 8898 ),22:04	DOY=111	-	SMM Pointing:	N21W43		Pitch=-165", Yaw	, Yaw=-712", Rol	, Roll=-20deg	H.Ang=50deg
Optical	Start		Sall I	HaClass=SF	N23W44	AR4990	Mac.=FKI	Carr.Lon.=281deg	=281deg	H.Ang=51deg
GOES HXRBS*	21:26 21:26:39 21:29	22:04 21:27:57 21:30	22:33 21:28:28 21:36	ımportance∍uı Peakc/s=110 CaPeak.c/s≖36	Qual=01 Qual=01 Qual= 1	Tot Cts=1692 FePeak=21:29	MaxkeV=61 FePeak.c/s=9	#Peaks=1	dt= 7.7s X	XEN=811105
UVSP	21:56			Wavelength=137	7	Exp #=65837	Rast=10"x10"		Pitch=-225"	, Yaw=-707"
:	21:45	21:46	21:51	CaPeak.c/s=19	Associated Qual= 4	Event # - 213/9 FePeak=21:49	FePeak.c/s=7		dt= 7.7s	XEN=811106
SS SS	21:41			Wavelength=1375A		Exp #=65835	Rast=10"x10"	Step=0"		', Yaw=-711"
Event # = 8899 88/04/20,23:02	= 8899 2,23:02	1	1	SMM Pointing:	N21W44		Pitch=-163", Yaw=-718"	=-718", Rol	, Roll=-20deg	H.Ang=50deg
Optical	start		c mes	HaClass=SF	N22W49	AR4990	Mac.=FKI	Carr.Lon.=285deg	=285deg	H.Ang=55deg
GOES HXRBS* UVSP	22:58 22:58:34 23:00	23:02 22:59:01	23:06 22:59:17	<pre>Importance=C1 Peakc/s=118 Wavelength=1375A</pre>		Tot Cts=973 Exp #=65841	MaxkeV=61 Rast=10"x10"	Step=0"	Pitch=-152"	, Yaw=-778"
					88/04/2	1 D0Y=112				
Event # = 8901 88/04/21,04:16	= 8901 1,04:16	D0Y=112	7	SMM Pointing:	N21W47		Pitch=-147",Yaw	, Yaw=-750", Roll=-20deg	l=-20deg	H.Ang=53deg
Optical	start		בנות ביווובי				Mac.=FHI			
GOES 04:07 HXRBS* 04:07: BCS 04:09	04:07 04:07:44 04:09	04:16 04:08:01 04:15	05:05 04:14:01 04:29	Importance=C2 Peakc/s=102 CaPeak.c/s=67	Qual=01 Qual=01 Qual= 1	Tot Cts=3823 FePeak=04:12	MaxkeV=43 FePeak.c/s=15	#Peaks=1 Sten=0"	dt= 3.85 Cad=4 10c	XEN=811200 4 O96s/nixel
rts UVSP Radio S	04:32 weeps	Type/I	Type/Intensity:	Wavelength=2788A V/2		Exp #=65853	Rast=180"x1"	Step=0	_	Yaw=-570"
Event # = 8902 88/04/21,07:22	= 8902 1,07:22	D0Y=112		SMM Pointing:	N21W48		Pitch=-139", Yaw	, Yaw=-760", Rol	, Roll=-20deg	H.Ang=54deg
Optical	Start		End times	HaClass=SF	N22W47	AR4990	Mac.=FKI	Carr.Lon.=279deg	=279deg	H.Ang≃53deg
GOES HXRBS* (	07:02 07:12:34 07:13	07:22 07:15:47 07:20	07:18:57 07:45	<pre>Importance=tz Peakc/s=97 CaPeak.c/s=89</pre>	Qual=02 Qual=01 Qual= 1	Tot Cts=2402 FePeak=07:18	MaxkeV=43 FePeak.c/s=17	#Peaks=1	dt= 3.8s XI	XEN=811201
PCS UVSP	07:11			Wavelength=1375A	Code=00	Exp #=65865	Rast=0 x0 Rast=10"x10"	Step=0"	pitch=-156	", Yaw=-786"
Event # 88/04/2	t # = 21580 4/21,09:18 Start	) D0Y=112 Peak	End times		00-10:0			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	09:13	09:18	09:19	CaPeak.c/s=32	Qual= 3	FePeak=09:19	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=811202 1 024s/nixel
Radio S Radio S	09:16 Weeps Frequer	Type/1 icy(MHz)/F	09:16 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Wavelength=1375A V/2 2695/45 4995/57	8800/37	Exp #=65877 15400/29	Rast=10"x10"	Step=0"	Pitch=-131	", Yaw=-816"

10:05   10:15   10:0	88/04/21,09:54		DOY=112	7 7 7							
10.05   10.53   10.53   10.54   10.55   10.5	optical Optical		reak 00.50	aes a	HaClass=2N	N19W52	AR4990	Mac.=FKI	Carr.Lon.	=282deg	H.Ang=57deg
DOV-112  Eak  Mavelength=2788A Code=02 Exp #=65878 Rast=23, %23, \$1ep=3			10:05		lmportance=mc CaPeak.c/s=331	Qual= 5	FePeak=10:05	FePeak.c/s=31		dt= 3.8s	XEN=811203
D0Y=112   End times		£:59					Exp #=65878	Rast=243"x243" Rast=243"x243"			1.024s/plxel ",Yaw=-769"
12.15   12.48   Importance=01   Qual=03   FePeak=12:06   FePeak.c/s=7   FePeak=1   41 = 7.75     12.15   12.248   Importance=01   Qual=03   Qual=03   Rast=0"\color=0"   Step=0"   Step=0"   Cad=1.02s     12.15   12.248   Importance=01   Qual=01   Cad=12:06   Rast=180"x1"   Step=0"   Pitch=+8",     13.24   Inverse    vent # = 8/04/21, St	21582 12:15 art		Fnd + imes								
12:23	ptical .			12.48	HaClass=SF	N22W47	AR4990	Mac.=FKI	Carr.Lon.	=276deg	H.Ang=53deg
Mavelength=2788A Code=02	355 355	55	12:11	12:23	CaPeak.c/s=30	Qual= 1	FePeak=12:06	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=811204
DOY=112         SWH Pointing:         N21W52         Pitch=-127", Yaw=-792", Roll=-20deg           Beak         13:26:18         13:26:55         Peakc/s=140         Qual=01         Tot Cts=822         MaxkeV=61         Pitch=-127", Yaw=-792", Roll=-20deg           33:27         13:26:18         13:26:55         Peakc/s=140         Qual=01         Tot Cts=822         MaxkeV=61         Pitch=+9", Pitch	VSP 12	::22					Exp #=65880	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+8",	1.024s/pixel Yaw≖-609"
13:26:18 13:26:18 13:26:55 PeakC/s=140 Qual=01 Tot Cts=822 MaxkeV=61 Rast=180"x1" Step=0" Pitch=+9", Wavelength=2788A	vent # = 8/04/21,	8903 13:27	00Y=11		Pointing	N21W52		Pitch=-127", Yaw	v=-792", Rol	1=-20deg	H.Ang=57deg
DOY=112 Peak HaClass=1N N20M48 AR4990 Mac.=FKI Carr.Lon.=276deg 14:28 14:47 Importance=C4 Qual=05 FePeak=14:40 FePeak.c/s=9 #Peaks=1 dt=3.8s 14:40 15:10 CaPeak.c/s=74 Qual= 5 FePeak=14:40 FePeak.c/s=9 #Peaks=1 dt=3.8s Mavelength=2788A Code=02 Exp #=65883 Rast=180"x1" Step=0" Cad=4.10s Peak HaClass=SF S23E28 AR5000 Mac.=BX0 Carr.Lon.=197deg 19:07 19:24 Importance=C2 Qual=05 Rast=0"x0" Step=0" Cad=1.02s Mavelength=1375A Exp #=65895 Rast=200"x200" Step=5" Pitch=-135" Peak End times Mavelength=1375A Code=00 Exp #=65899 Rast=200"x200" Step=6" Cad=1.02s Mavelength=1375A Code=00 Exp #=65899 Rast=200"x200" Step=5" Pitch=-134"	SES 13 XRBS* 13 VSP 12	1:26:08 1:58:08	13:27 13:26	Ella Cilles 13:31 13:26:55	Importance=B8 Peakc/s=140 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=822 Exp #=65881	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=+9",	faw≖-612"
14:28	vent # = 8/04/21, St	21583 14:28 art	DOY=11 Peak	times							
14:40		:14	4		HaClass=1N Importance=C4	N20W48 Oual=05	AR4990	Mac.=FKI	Carr.Lon.	=276deg	H.Ang=53deg
DOY=112 Peak End times  HaClass=SF S23E28 AR5000 Mac.=BX0 Carr.Lon.=197deg  19:07 19:24 Importance=C2 Qual=05 19:23 19:24 CaPeak.c/s=105 Qual= 1 FePeak=19:23 Fepeak.c/s=6 #Peaks=1 dt= 7.7s  Wavelength=1375A Exp #=65895 Rast=200"x200" Step=6" Pitch=-135"  Peak HaClass=SF S23E28 AR5000 Mac.=BX0 Carr.Lon.=197deg  Rast=0"x0" Step=0" Cad=1.02s  Rast=0"x0" Step=6" Pitch=-135"  Rast=0"x0" Step=6" Pitch=-135"  Mavelength=1375A Code=00 Exp #=65899 Rast=200"x200" Step=6" Pitch=-134"	-	38	4		CaPeak.c/s=74	Qual= 5	FePeak=14:40	FePeak.c/s=9	#Peaks=1		XEN=811205
DOY=112 Peak End times HaClass=SF S23E28 AR5000 Mac.=BX0 Carr.Lon.=197deg 19:07 19:24 Importance=C2 Qual=05 19:23 19:24 CaPeak.c/s=105 Qual= 1 FePeak=19:23 FePeak.c/s=6 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Wavelength=1375A Exp #=65895 Rast=200"x200" Step=5" Pitch=-135 Peak 19:53 20:09 Importance=C1 Qual=01 Peak 19:53 20:09 Importance=C1 Qual=01 Peak 19:53 20:09 Wavelength=1375A Code=00 Exp #=65899 Rast=200"x200" Step=5" Pitch=-134	/SP 14	1:31					Exp #=65883	Rast=180"x1"	Step=0"	_	4.096s/pixel ,Yaw=-619"
19:07 19:24 Importance=C2 Qual=05 19:23 19:24 CaPeak.c/s=105 Qual=05 19:23 19:24 CaPeak.c/s=105 Qual=05 19:23 19:24 CaPeak.c/s=105 Qual=1 FePeak=19:23 FePeak.c/s=6 #Peaks=1 dt= 7.7s  Wavelength=1375A Exp #=65895 Rast=200"x200" Step=5" Pitch=-135 Peak End times 19:53 20:09 Importance=C1 Qual=01 19:49 20:01 CaPeak.c/s=28 Qual= 4 FePeak=19:53 FePeak.c/s=15 #Peaks=1 dt= 7.7s Rast=0"x0" Step=6" Cad=1.02s Rast=0"x0" Step=6" Pitch=-134	/ent # = 3/04/21, St	21584 19:07 art									
19:23 19:24	otical DES 18	:57	19		HaClass=SF	\$23E28 011a1=05	AR5000	Mac.=8X0	Carr.Lon.	=197deg	H.Ang≖32deg
Mavelength=1375A Exp #=65895 Rast=200"x200" Step=5" Cdu=1.02s D0Y=112 Peak End times 19:53 20:09 Importance=C1 Qual=01 19:49 20:01 CaPeak.c/s=28 Qual= 4 FePeak=19:53 FePeak.c/s=15 #Peaks=1 dt= 7.7s Rast=0"x0" Step=6" Cad=1.02s Wavelength=1375A Code=00 Exp #=65899 Rast=200"x200" Step=5" Pitch=-134	88. 191	:23	19:23		CaPeak.c/s=105	Qual= 1	FePeak=19:23	FePeak.c/s=6		dt= 7.7s	XEN=811206
D0Y=112 Peak End times 19:53	/SP 19	:20		-			Exp #=65895	Rast=200"x200"		cad=1.02s Pitch=-135	1.024s/pixel ',Yaw=-811"
	/ent # = 3/04/21, St DES 19	21585 19:53 art :47	DOY=11 Peak 19:53	End times 20:09 20:01		Qual=01		31-2/2	1	44- 77-	N C C C C C C C C C C C C C C C C C C C
	SS 28 19 19 19	:52	?		ength=1375A	Code=00	Exp #=65899	Rast=0"x0" Rast=200"x200"	<b>-</b>	de= /./> Cad=1.02s Pitch=-134'	// // // // // // // // // // // // //

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Event # = 88/04/21,2		DOY=112		SMM Pointing:	N23W56		Pitch=-135", Yaw=-831", Roll=-20deg	/=-831", Ro1	1=-20deg	H.Ang=62deg
GOES 23:03 HXRBS* 23:17:14 UVSP 23:03		23:10 23:17:29	23:21 23:17:49	Importance=C6 Peakc/s=98 Wavelength=1375A	Qual=05 Qual=01 Code=00	Tot Cts=398 Exp #=65916	MaxkeV=43 Rast=10"x10"	Step=0"	Pitch=-153"	", Yaw=-841"
	7000				88/04/22	2 D0Y=113				
88/04/22,0 S8/04/22,0		DOY=113 Peak	Fnd times	SMM Pointing:	N23W58		Pitch=-133",Yaw=-842",Roll=-20deg	=-842", Rol	]=-20deg	H.Ang=63deg
GOES 00:48 HXRBS* 00:54:33 UVSP 00:54		00:55 00:54:39	01:02 00:54:50	Importance=B5 Peakc/s=84 Wavelength=2788A	Qua]=01 Qua]=01 Code=00	Tot Cts=230 Exp #=65920	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=+3",	, Yaw=-661"
Event # = 8905 88/04/22,14:19	8905 4:19	DOY=113	+	SMM Pointing:	N23W64		Pitch=-110", Yaw	, Yaw=-882", Rol	, Roll=-20deg	H.Ang=68deg
Optical GAFS 14.	. 5	į .	14.28	HaClass=1N	N21W64	AR4990	Mac.=FHI	Carr.Lon.=279deg	=279deg	H.Ang=68deg
HXRBS* 14:09: BCS 14:10	09:12 10	14:13:07 14:17	14:24:07 14:46	Importance-mi Peakc/s=401 CaPeak.c/s=542	Qual=04 Qual=01 Qual= 1	Tot Cts=59484 FePeak=14:16	MaxkeV=97 FePeak.c/s=148	Flags=M5 #Peaks=1	dt= 3.8s	XEN=811300
14	:03			Wavelength=2788A	Code=01	Exp #=65961	Rast=25"x25" Rast=180"x1"	Step=5" Step=0"	Cad=25.6s Pitch=+29"	1.024s/pixel ,Yaw=-706"
40 00	# = 21586 /22,14:47 Start	DOY=113 Peak	End times							
GOES BCS 14:	:46	14:47	14:56	CaPeak.c/s=25	Qual=00 Qual= 4	FePeak=14:47	FePeak.c/s=7		dt= 7.7s	XEN=811301
UVSP 15:01	01			Wavelength=2788A	,	Exp #=65962	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad= 860s Pitch=+31"	859.9s/pixel ,Yaw≕-709"
Event # = 8906 88/04/22,17:49	1	D0Y=113		SMM Pointing:	N23W66		Pitch=-104", Yaw	, Yaw=-892", Roll=-20deg	1=-20deg	H.Ang=70deg
Optical 505		17:49	8:30	.Class=SF	N28W28	AR4995	Mac.=DAI	Carr.Lon.=241deg	=241deg	H.Ang=43deg
HXRBS* 17:48 UVSP 18:09	33	17:49:08	17:50:20	4 88A	Qual=01	Tot Cts=2426 Exp #=65966	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=+37"	, Yaw=-717" ·
Event # = 8907 88/04/22,19:41 Start		DOY=113	Fnd times	SMM Pointing:	N23W68		Pitch=-97", Yaw=	, Yaw=-904", Roll=	, Roll=-20deg	H.Ang=72deg
Optical GOES 19:			20:13	.Class=SF rtance=C3	N28W28 Oual=02	AR4995	Mac.=DAI	Carr.Lon.=240deg	=240deg	H.Ang=43deg
HXRBS* 19:33 BCS 19:35 FCs	8	19:35:22 19:38	19:36:22 19:39	Peakc/s=210 CaPeak.c/s=127	Qual=01 Qual= 3	Tot Cts=4733 FePeak=19:37	MaxkeV=79 FePeak.c/s=22	#Peaks=1	dt= 3.85	XEN=811302
51	:40			Wavelength=1375A	Code=00	Exp #=65974	Rast=0.x0 Rast=10"x10"	Step=0" Step=0"	cad=4.10s Pitch=-123'	cad=4.10s 4.09bs/plxel Pitch=-123",Yaw=-898"

1 Pointing: S25E43 Class=SF	88/04/23 D0Y=114			
16:44   16:53   17:07   Peak	SMM Pointing:	Pitch=+124",Yaw=+676",	,Roll=-20deg	H.Ang=46deg
16:44   16:33   17:07   Importance=L3   Qual=01     16:41	HaClass=SF	Mac.=FHO Carr.l	Carr.Lon.=280deg	H.Ang=83deg
# = 8909  24,01:20	<pre>Importance=L3 Peakc/s=108 Wavelength=2788A</pre>	MaxkeV=79 Flags=SN Rast=180"x1" Step=0"	SN " Pitch=+4",Yaw=+606"	Yaw=+606"
# = 8909 24,01:20	88/04/24 D0Y=115			
101:08	SMM Pointing:	Pitch=-49",Yaw=-953",F	, Roll=-20deg	H.Ang=87deg
01:05	Code=LPS	Mac.=FSO Carr.	Carr.Lon.=283deg	H.Ang≖90deg
# = 21587 24,02:16 DOY=115 Start Peak End times  # 21588  # 22158	importance=nz Peakc/s=1463 CaPeak.c/s=488	MaxkeV=226 FePeak.c/s=81	dt= 7.7s	XEN=811500
1,24,02:16	Wavelength=1375A Code=00 Exp #=66061 606/1 1415/61 2695/44 4995/100 8800/170	Rast=U.xU Step=U Rast=130"x130" Step=5" 15400/98	cad=4.1Us Pitch=-35	4.090s/ptxei ",Yaw=-953"
02:15 02:16 02:43 CaPeak.c/s=30 Qual=00 02:17  #avelength=1375A  1/24,07:50 D0Y=115				
# 21588  1/24,07:50	aPeak.c/s=30	FePeak.c/s=/ #Peaks		XEN=811501
1, # = 21588 1,24,07:50	Wavelength=1375A Exp #=66065	Rast=10"x10" Step=0"	cad=1.025  " Pitch=-82"	1.0245/pixer , Yaw=-951"
07:39 07:48 07:53 CaPeak.c/s=116 Qual= 1  07:47 Wavelength=2788A Code=00  4/24,16:31 D0Y=115 SMM Pointing: S25E31  54 16:27 End times Importance=B7 Qual=01 16:13 Wavelength=2788A Code=01  16:13 Wavelength=2788A Code=01  16:13 Wavelength=2788A Code=01  16:13 End times Importance=B9 Qual=01 19:26 19:51 20:06 Importance=B9 Qual=01 19:26 19:51 20:06 Wavelength=1375A Code=00	S Importance=C3 Qual=O3		1	
#avelength=2788A Code=00  ## = 8910  ## = 8910  ## = 8910  ## = 8910  ## = 8910  ## = 8910  ## = 8910  ## = 8910  ## = 8910  ## = 8910  ## = 8910  ## = 80	Peak.c/s=116	FePeak.c/s=24 #Peaks=1	=1 dt= 3.8s	XEN=811502
# = 8910 24,16:31 DOY=115 SMM Pointing: S25E31 Start Peak End times 16:26 16:31 16:28:34 Importance=B7 Qual=01 16:13 16:27:21 16:28:34 Peakc/s=128 Qual=01 16:13 Wavelength=2788A Code=01 # = 21589 24,19:51 DOY=115 Start Peak End times 19:26 19:51 20:06 Importance=B9 Qual=01 19:25 19:32 19:34 CaPeak.c/s=26 Qual=5 19:32 19:34 Wavelength=1375A Code=00	avelength=2788A			, Yaw=-769"
16:26 16:31 16:38 Importance=B7 Qual=01 16:27:01 16:27:21 16:38	SMM Pointing:	Pitch=+166", Yaw=+539", Roll=-20deg	Roll=-20deg	H.Ang=36deg
# = 21589 (24,19:51 DOY=115 Start Peak End times 19:26 19:51 20:06 Importance=B9 Qual=01 19:32 19:32 19:34 CaPeak.c/s=26 Qual= 5 19:46 Wavelength=1375A Code=00	S Importance=B7 Peakc/s=128 Wavelength=2788A	MaxkeV=79 Rast=180"x1" Step=0"		Pitch=+48",Yaw=+460"
19:32 19:34	s Importance=89 Qual=01		l .	× × × × × × × × × × × × × × × × × × ×
	reak.c/s=20 qual= 3 velength=1375A Code=00	Rast=0"x0" Step=0" Rast=10"x10" Step=0"		
19:55 19:55 19:57 CaPeak.c/s=597 Qual= 1	CaPeak.c/s=597	0	=1 dt= 7.7s	XEN=811504 1.024s/pixel

					20/10/28	DAV=116				
Event # 88/04/2 GOES BCS FCS UVSP	# = 21591 /25,01:23 Start 01:14 01:45	DOY=116 Peak 01:23 01:46	End times 01:56 02:26	Importance=C2 CaPeak.c/s=33 Wavelength=1375A	Qual=05 Qual= 5	FePe	FePeak.c/s=7 Rast=0"x0" Rast=130"x130"	*Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=-100",	XEN=811600 1.024s/pixel ", Yaw=-937"
Event 88/04/; GOES HXRBS UVSP	Event # = 8911 88/04/25,16:12 Start GOES HXRBS 16:10:06 UVSP 15:46	D0Y=116 Peak 16:12:11	End times 16:12:34	SMM Pointing: Peakc/s=57 Wavelength=2788A	\$20E66 Qual=00 Qual=01	Tot Cts=982 Exp #=66155	Pitch=-3", Yaw=+873", Roll=-20deg MaxkeV=100 Rast=180"x1" Step=0" Pitch	-873", Roll=- Step=0"	-20deg   Pitch=-123"	H.Ang=66deg ',Yaw=+796"
Event 88/04/7	went # = 8912 8/04/25,16:45 Start OES 16:44 XRBS 16:44:35 VSP 16:45	DOY=116 Peak 16:45 16:44:56	End times 16:59 16:45:05	SMM Pointing: Importance=86 Peakc/s=56 Wavelength=2788A	S20E66 Qual=01 Qual=01 Code=02	Tot Cts=221 Exp #=66156	Pitch=-3", Yaw=+ MaxkeV=71 Rast=180"x1"	,Yaw=+873",Roll=-20deg x1" Step=0" Pitch	-20deg Pitch=-123"	H.Ang=66deg , Yaw=+793"
					88/04/26	5 DOY=117				111111111111111111111111111111111111111
Event 88/04/2	# 50°C	DOY= Peak	imes	SMM Pointing: HaClass=SF	SS	AR5002	Pitch=+7", Yaw=+823", Roll=-20deg Mac.=DRI Carr.Lon.=111de	-823", Roll=-20deg Carr.Lon.=111deg	-20deg =111deg	H.Ang≈60deg H.Ang=58deg
GOES HXRBS UVSP	03:24 03:24:41 03:42	03:27 03:25:09	03:39 03:26:12	Importance=85 Peakc/s=99 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=959 Exp #=66172	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=-114"	', Yaw=+749"
Event 88/04/	# = 8915 26,06:53	D0Y=117	+ PCT	SMM Pointing:	S20E58		Pitch=+9", Yaw=+813",	+813", Roll=-20deg	-20deg	H.Ang=58deg
GOES HXRBS UVSP	5 06:52 06:52 06:50	reak 06:53 06:52:36	End tilles 06:56 06:52:50	Importance=83 Peakc/s=62 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=90 Exp #=66176	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-110	Pitch=-110",Yaw=+736"
Event 88/04/ Optica GOES	# C -	D07 Реа	times	HaClass=SF Importance=B6	\$21E54 Qual=01	AR5002	Mac.=DRI	Carr.Lon.=107deg	=107deg	H.Ang=55deg
BCS FCS UVSP	15:50 15:16	15:51	5:54	8₩	Qual= 4	FePeak=15:50 Exp #=66187	FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-100",	XEN=811/00 1.024s/pixel ',Yaw=+696"
4000	# - 0016				88/04/2	7 D0Y=118				
88/04/	727,01:23	DOY=118	End +imag	SMM Pointing:	S20E48		Pitch=+32",Yaw	, Yaw=+720", Roll	, Roll=-20deg	H.Ang=49deg
HXRBS UVSP	S 01:23:14 01:39		01:23:39	Peakc/s=79 Wavelength=2788A	Qua]=01	Tot Cts=316 Exp #=66210	MaxkeV=361 Rast=180"x1"	Flags=NS Step=0"	Pitch=-86",Yaw=+640"	, Yaw=+640"

					88/04/30	0 DOY=121				
Event 88/04/ GOES BCS	t # = 21593 1/30,06:35 Start 06:25 06:33	DOY=121 Peak 06:35 06:33	End times 07:30 06:34	Importance=88 CaPeak.c/s=19	Qual=02 Qual= 1	FePeak=06:33	FePeak,c/s=10	#Peaks=1	dt= 7.7s	XEN=812100
UVSP	06:28			Wavelength=2788A	Code=00	Exp #=66344	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+57"	1.024s/pixel ,Yaw=+60"
					88/05/03	3 DOY=124				
Event 88/05/	Event # = 21594 88/05/03,15:48 Start	DOY=124 Peak	End times		9					
Optica GOES	15:25	15:48	16:07	HaClass=IF Importance=C5	\$20 <b>\</b> 39 Qua]=01	AR5002	Mac.=CA0	Carr.Lon.=107deg		H.Ang=41deg
FCS UVSP	5	15:36 15:30	:37	CaPeak.c/s=59 Peak3c/s=7 Wavelength=1375A	Qual= 1 Code=01	FePeak=15:36 Exp #=66482	FePeak.c/s=11 Rast=0"x0" Rast=10"x10"	#Peaks=2 Step=0" Step=0"	<pre>dt= 3.8s X Cad=1.02s 1 Pitch=+551",</pre>	XEN=812400 1.024s/pixel ",Yaw=-547"
Event 88/05/	Event # = 21595 88/05/03,16:43	DOY=124	4							
GOES	16:42	16:43	16.53	Caboak c/c=22	Qual=00	Febak=16.48	g-s/s deadal	#Doske-1	46- 7 75	VEN-010A01
FCS UVSP	9	2	?	Wavelength=1375A		Exp #=66483	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	cad=1.02s 1	1.024s/pixel   Yaw=-314"
				>				L L		
Event 88/05/ 60ES BCS	# = 21596 '03,20:17 Start 19:58 20:03	DOY=124 Peak 20:17 20:14	End times 20:42 20:30	Importance=C2 CaPeak.c/s=49	Qual=03 Qual= 1	FePeak=20:05	FePeak, c/s=9	#Peaks=1	dt= 3.8s	XEN=812402
UVSP	19:40			Wavelength=2788A		Exp #=66491	Kast=U"XU" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+349",	1.024s/pixel ",Yaw=-304"
Event 88/05/ GOES BCS BCS	# = 21597 '03,21:55 Start 21:50 21:26	DOY=124 Peak 21:55 21:42	End times 22:44 22:10	Importance=C2 CaPeak.c/s=28	Qua1=03 Qua1= 4	FePeak=21:54	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=812403
UVSP	21:17			Wavelength=2788A		Exp #=66492	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+353",	1.024s/pixel ",Yaw≖-313"
Event 88/05/	Event # = 21598 88/05/03,22:55	DOY=124	- +							
GOES BCS FCS	22:45 22:58	22:55 23:00	23:05 23:12	Importance=C2 CaPeak.c/s=25	Qual=05 Qual= 5	FePeak=22:59	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=812404
UVSP	22:52			Wavelength=2788A Code=00	Code=00	Exp #=66493	Rast=180"x1"	Step=0"	Lad=1.025 1 Pitch=+356",	1.0245/p1xe1 ", Yaw=-321"
-	***************************************				***************************************					

Event # = 8930 88/05/04,02:41 D0Y=125 Start Peak End timm Optical COES 02:00 02:41 02:50 4XRBS 02:11:11 02:13:32 02:21:40 4XRBS 02:03:04 02:57 Radio Sweeps Type/Intensity Radio Frequency(MHz)/Flux(sfu) HXRBS 02:36:07 02:37:01 02:41:00 Event # = 21599 88/05/04,04:21 D0Y=125 Event # = 21599 88/05/04,04:21 D0Y=125	End times	SMM Pointing:	S22W48	•			1- 20400	U Ang-Endog
Start Peak Optical GOES 02:00 02:41 HXRBS 02:11:11 02:13: BCS 02:08 02:42 FCS 02:57 Type Radio Sweeps Type Radio Frequency (MHz)	End times				Pitch=+521", Yaw	, Yaw=-508", Roll=-20deg	fannz-=i	hanne-filler
	6	HaClass=SF	S18W45	AR5005	Mac.=DAO	Carr.Lon.=107deg	=107deg	H.Ang=46deg
	32 02:50 03:04 03:04	<pre>Importance=U3 Peakc/s=204 CaPeak.c/s=174</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=20800 FePeak=02:40	MaxkeV=191 FePeak.c/s=33	Flags=I #Peaks=2 c+cs=20"	dt= 3.8s	XEN=812500
		Wavelength=2788A		Exp #=66497		Step=20 Step=0"		", Yaw=-342"
02:36:07 03 # = 21599 /04,04:21 D0		245/140 410/90 60	06/140 143	5/110 2695/92	4995/38 8800/32			
ent # = 21599 /05/04,04:21 Start	2:37:01 02:41:00	Peakc/s=72 Qual=11 Tot Cts=1160	Socialed Qual=11	Tot Cts=1160	MaxkeV=71	Flags=DG	1 1 1 1 1	1 1 1 1 1
04:16	End times 04:29	Importance=C1	Qua]=01					
BCS 04:18 04:19 FCS		a E		FePeak=04:19	FePeak.c/s=13 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=812501 1.024s/pixel
UVSP 04:32		Wavelength=2788A		Exp #=66499	Rast=180"x1"	Step=0"	Pitch=+370	",Yaw=-350"
Event # = 21600 88/05/04,08:58 DOY=125 Start Peak	End times	10 1000	Callcca	3003d v	C V C	sobott- not med	-112dea	2007
GOES 08:47 08:58 BCS 08:52 08:56	09:19 09:20	nac.ass-sr Importance=C3 CaPeak.c/s=141	0ual=01 Qual=1	FePeak=08:56	FePeak.c/s=33	#Peaks=1	dt= 3.8s	XEN=812502
FCS UVSP 08:26		Wavelength=2788A	Code=00	Exp #=66505	Rast=0"x0" Rast=243"x243"	Step=0" Step=3"	Cad=4.10s / Pitch=+506"	4.096s/p1xel ",Yaw=-541"
, t	End times							
GOES 11:5/ 12:08 BCS 12:00 12:08 FCS	12:54 12:29	Importance=L2 CaPeak.c/s=69	Qual≕U3 Qual= 1	FePeak=12:06	FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=812503
UVSP 12:22		Wavelength=2788A		Exp #=66509	Rast=180"x1"	Step=0"	Pitch=+511"	", Yaw=-569"
t # = 21602 5/04,16:22 D Start P cal	End times	HaClass=SF	S23W59	AR5005	Mac.=DAO	Carr.Lon.=114deg	=114deg	H.Ang=60deg
GOES 16:15 16:22 BCS 16:21 16:22	16:42 16:29	<pre>Importance=C1 CaPeak.c/s=21</pre>	Qua]=01 Qua]= 4	FePeak=16:25	FePeak.c/s=9	#Peaks=I	dt= 7.7s X	XEN=812504
UVSP 16:16		Wavelength=1375A Code=00	Code=00	Exp #=66515	Rast=10"x10"	Step=0"	Pitch=+553	", Yaw=-621"

ent # = 21	503								
88/05/05,03:2 Start GOES 03:04 BCS 03:20	26 D0Y=126 Peak 03:26 03:25	End times 04:03 03:35	Importance=C2 CaPeak.c/s=48	Qua]=04 Qua]= 1	FePeak=03:22	FePeak.c/s=10			XEN=812600
/SP 03:04			Wavelength=2788A		Exp #=66553	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 131s 0 Pitch=+416",	0.512s/pixel ", Yaw=-446"
vent # = 891 8/05/05,05:2			SMM Pointing:	S22W62		Pitch=+576", Yaw=-623", Roll=-20deg	v=-623", Rol	1=-20deg	H.Ang=63deg
3147 GOES 05:21 HXRBS 05:21:2 BCS 05:23	Feak 05:25 :27 05:21:49 05:24	05:40 05:20 05:22:25 05:32	Importance=C1 Peakc/s=78 CaPeak.c/s=23	Qual=01 Qual=01 Qual= 1	Tot Cts=637 FePeak=05:27	MaxkeV=71 FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=812601
			Wavelength=2788A		Exp #=66556	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+421	=
vent # = 21604 8/05/05,19:08 Start 0ES 19:02 CS 19:06	504 08 D0Y=126 Peak 19:08 19:07	End times 19:19	Importance=Cl	Qual=01	FoDosk-10.07	0-2/2 /10002	#0300	I	ı
FCS UVSP 18:55		;	Wavelength=1375A		Exp #=66576	Rast=0"x0" Rast=10"x10"	Step=0" Step=0" Step=0"	Cad=1.02s Pitch=+571	/km=o12002 1.024s/pixel ",Yaw=-711"
5/05,22: Start 22:31	505 36 DOY= 72:3	End times	Importance=RQ	0.01					
BCS 22:34		22:38	Capeak.c/s=23	Qual= 1	FePeak=22:35	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=812603
SP 22:34			Wavelength=1375A	Code=00	Exp #=66592	Kast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+616",	1.024s/pixel ",Yaw=-700"
of # = 21 05/05,22: Start 22:40	606 44 D0Y=126 Peak 22:44	End times 23:00	Importance=C1	Qua]=03					
BCS 22:43 FCS UVSP 22:34		8 <del>4</del> 8	CaPeak.c/s=25 Wavelength=1375A		FePeak=22:43 Exp #=66592	FePeak.c/s=9 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+616".	XEN=812604 1.024s/pixel ".Yaw=-700"
				88/05/06	6 DOY=127		_		
Event # = 891 88/05/06,05:1			SMM Pointing:	S22W73		Pitch=+609", Yaw≈-680", Roll=-20deg	/=-680", Rol	1=-20deg	H.Ang=73deg
GOES 05:07 HXRBS 05:09:52 BCS 05:11	05:15 05:15 05:13:50 05:13	05:42 05:11:54 05:14	Importance=C1 Peakc/s=62 CaPeak.c/s=45	Qual=03 Qual=01 Qual= 1	Tot Cts=811 FePeak=05:13	MaxkeV=71 FePeak.c/s=14	#Peaks=1	dt= 7.7s	
SP 05:07			Wavelength=2788A	Code=00	Exp #=66614	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+456"	1.024s/pixel " yaw=-516"

vent # 8/05/0	Event # = 8920 88/05/06,08:14	D0Y=127		SMM Pointing:	S22W76		Pitch=+616", Yaw=-690", Roll=-20deg	v=-690", Rol	1=-20deg	H.Ang=76deg
GOES HXRBS UVSP	start 08:14:31 08:16	08:14:59	08:1	Peakc/s=62 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=795 Exp #=66618	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+459",Yaw=-521	,Yaw=-521"
Event # 88/05/06, 88/05/06, 80ES 09 FCS UVSP 09	21607 09:47 tart 9:33 9:35	D0Y=127 Peak 09:47 09:45	End times 10:04 09:57	Importance=C2 CaPeak.c/s=71 Wavelength=2788A	Qual=01 Qual= 1 Code=02	FePeak=09:44 Exp #=66620	FePeak.c/s=21 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=4.10s Pitch=+461"	XEN=812701 4.096s/pixel 1", Yaw=-524"
Event # 88/05/0 GOES HXRBS	Event # = 8921 88/05/06,11:24 Start GOES HXRBS 11:23:46 UVSP 11:24	DOY=127 Peak 11:24:46	End times 11:27:01	SMM Pointing: Peakc/s=73 Wavelength=2788A	\$22W76 Qual=00 Qual=01	Tot Cts=1798 Exp #=66622	Pitch=+616", Yaw=-690", Roll=-20deg MaxkeV=71 Rast=180"x1" Step=0" Pitch=+	v=-690", Rol Step=0"	l=-20deg P	H.Ang=76deg , Yaw=-526"
Event # 88/05/0 GOES HXRBS UVSP	t# = 8922 5/06,11:28 Start 5 11:28:13	DOY=127 Peak 11:28:25	End times 11:29:12	SMM Pointing: Peakc/s=68 Wavelength=2788A	\$22W76 Qual=00 Qual=01	Tot Cts=444 Exp #=66622	Pitch=+616", Yaw MaxkeV=71 Rast=180"x1"	,Yaw=-690",Roll=-20deg	]=-20deg Pitch=+463"	H.Ang=76deg , Yaw=-526"
Event # 88/05/0 GOES BCS FCS UVSP	Event # = 21608 88/05/07,04:30 Start GOES 04:23 BCS 04:25 FCS 04:39	D0Y=128 Peak 04:30 04:29	End times 05:09 04:40	Importance=C1 CaPeak.c/s=43 Wavelength=2788A	88/05/07 Qual=03 Qual= 1 Code=02	7 DOY=128 FePeak=04:28 Exp #=66675	FePeak.c/s=17 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+479",	XEN=812800 1.024s/pixel ', Yaw=-507"
Event # 88/05/0 GOES HXRBS BCS FCS UVSP	Event # = 8924 88/05/07,09:04 Start GOES 08:59 HXRBS 09:02:08 BCS 09:03 FCS	DOY=128 Peak 09:04 09:02:27 09:04	End times 09:16 09:03:00	SMM Pointing: Importance=C2 Peakc/s=111 CaPeak.c/s=83 Wavelength=2788A	\$24W77 Qual=01 Qual=1 Qual= 1	Tot Cts=1242 FePeak=09:04 Exp #=66681	Pitch=+636", Yaw MaxkeV=71 FePeak.c/s=19 Rast=0"x0" Rast=180"x1"	, Yaw=-674", Roll=-20deg 19 #Peaks=1 dt= 3.8 Step=0" Cad=4.1 " Step=0" Pitch=+	l=-20deg dt= 3.8s cad=4.10s Pitch=+479'	=-20deg H.Ang=77deg dt= 3.8s XEN=812801 Cad=4.10s 4.096s/pixe1 Pitch=+479", Yaw=-507"
.vent # 18/05/1 10ES IXRBS IVSP	Event # = 8927 88/05/12,23:38 Start GOES 23:34 HXRBS 23:35:56 UVSP 23:12	D0Y=133 Peak 23:38 23:36:23	End times 23:52 23:37:02	SMM Pointing: Importance=C1 Peakc/s=162 Wavelength=2788A	88/05/12 S17#16 Qual=01 Qual=01	2 DOY=133 Tot Cts=1559 Exp #=66878	Pitch=+307", Yaw=-163", Roll=-20deg MaxkeV=100 Rast=180"x1" Step=0" Pitch=+	*=-163", Rol Step=0"	l=-20deg H.Ang=21 Pitch=+150",Yaw=+9"	H.Ang=21deg ', Yaw=+9"

SOC   Pitch+1", Vaw-1", Roll=-20deg					88/05/17	7 D0Y=138				
Qual=01 Tot Cts=609 MaxkeV=71 Flags=1 Pitch=-2",   SOCWOO Pitch=+0", Vaw=-1", Roll=-20deg   Qual=02 Qual=02	82				S02W00		Pitch=+1",Yaw=.	-1", Roll=-2	0deg	H.Ang≖Odeg
Qual=02 Qual=02 Qual=02 Qual=02 Qual=02 Qual=02 Qual=02 Qual=02 Qual=03 Qual=02 Qual=02 Qual=03 Qual=03 Qual=03 Exp #=67040 Rast=0.x0" Exp #=67040 Rast=180"x1" Step=0" Step=0	05:49 06:45 Impo 05:30:39 05:32:11 Peak	06:45 05:32:11	Impo Peak Have	rtance=C2 C/s=60 length=2788A	Qual=03 Qual=01	Tot Cts=609 Exp #=67011	MaxkeV=71 Rast=180"x1"	Flags=I Step=0"	Pitch≖-2",	Yaw≖+5"
Qual=02 Qual=13 Tot Cts=85896 Maxkev=223 Qual=13 Tot Cts=85896 Maxkev=223 Qual=13 Tot Cts=85896 Maxkev=223 Qual=13 Tot Cts=85896 Maxkev=223 Qual=100 Qual=5 FePeak=22:47 FePeak.c/s=11 #Peaks=1 dt= 7.7s Qual=00 Qual=5 FePeak=22:47 FePeak.c/s=13 #Peaks=1 dt= 7.7s Qual=00 Qual=00 Qual=00 Qual=00 Qual=00 Qual=01 Q	DOY=138 SMM Peak Fnd times	Fnd times	S.	Pointing	S02W00	All the state of t	Pitch=+0", Yaw=.	-1", Roll=-2	0deg	H.Ang=0deg
8800/130 15400/82  8800/130 15400/82  8800/130 15400/82  8800/130 15400/82  88/05/18	22:05 20:26:11		SES	e=LPS nortance=M6 ikc/s=317	Qual=02 Qual=13	Tot Cts=85896	MaxkeV=223	Flags=M5,	EN, IS	= \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Qual=00 Qual=5 FePeak=22:47 FePeak.c/s=11 #Peaks=1 dt= 7.7s Rast=0"x0"  88/05/18			10/2	5/240 4995/200	0 8800/130	15400/82	Mast-100 A1	o-de-s	, 2	C Mag
Qual=00 Qual=0 Qual=5 FePeak=22:47 FePeak.c/s=11 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=4.10s Rast=180"x1" Step=0" Pitch=-163'  88/05/18	DOY=138 Peak End times				,					
884 Exp #=67040 Rast=180"x1" Step=0" Cad=4.10s 88/05/18 D0Y=139  Qual=00 Qual=00 Pitch=-163"  Rast=0"x0" Step=0" Pitch=-163"  Rast=0"x0" Step=0" Cad=1.02s  Exp #=67050 Rast=130"x130" Step=0" Pitch=+33"  88/05/19 D0Y=140  Qual=01 FePeak=23:49 FePeak.c/s=11 #Peaks=1 dt= 7.7s  Rast=0"x0" Step=0" Pitch=-108"  88/05/20 D0Y=141  Qual=01 Qual=01  Qual=01 Qual=01 Rast=0"x0" Step=0" Pitch=-108"  88/05/20 D0Y=141 Step=0" Cad=1.02s  Rast=0"x0" Step=0" Cad=1.02s  Rast=0"x0" Step=0" Pitch=-108"  Rast=180"x1" Step=0" Pitch=-108"	22:32 23:35 CaPe	:35 С	CaPe	ak.c/s=74	Qual=00 Qual= 5	FePeak=22:47	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=813800
Qual=00 Qual=00	Wave	Wave	Wave	ength=2788A		Exp #=67040	kast=0.x0" Rast=180"x1"	Step=0"	cad=4.10S Pitch=-163	4.096s/plxel ",Yaw=+863"
Qual=00 Qual=00 Qual=5 FePeak=00:27					88/05/18					***************************************
Qual=00 Qual=5 FePeak=00:27 FePeak.c/s=13 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Step=0" Cad=1.02s Step=0" Cad=1.02s Rast=130"x130" Step=0" Pitch=+33", Qual=01 Qual=01 Qual=01 Qual=1 FePeak=23:49 FePeak.c/s=11 #Peaks=1 dt= 7.7s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=-108' Qual=01 Qual=01 Qual=01 Qual=01 Qual=01 Qual=01 Qual=01 Rast=04:23 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Pitch=-108' Rast=180"x1" Step=0" Pitch=-108'	DOY=139 Peak End times	End times			0	•				
0ual=01	00:11 00:50 CaPe	ပ	CaPe	ak.c/s=21	Qual= 5	FePeak=00:27	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=813900
0ual=01 Qual=01 Qual=1 FePeak=23:49 FePeak.c/s=11 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=-108' 88/05/20 D0Y=141 Qual=01 Qual=01 Qual=01 Exp #=67162 Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Pitch=-108'	₩ave	₩ave	₩ave	ength=1375A		Exp #=67050	Rast=130"x130"	Step=0 Step=5"	cau=1.028 Pitch=+33"	1.0245/pixel , Yaw=+939"
Qual=01 Qual= 1 FePeak=23:49 FePeak.c/s=11 #Peaks=1 dt= 7.7s Rast=180"x1" Step=0" Pitch=-108" 88/05/20 DOY=141					88/05/19					
Exp #=67157 Rast=180"x1" Step=0" Lad=1.02s 88/05/20 D0Y=141 Step=0" Pitch=-108' Qual=01	DOY=140 Peak End times 23:53 00:05 Impor 23:55 00:10 CaPea			tance=C1 k.c/s=39	Qua]=01 Qua]= 1	FePeak=23:49	FePeak.c/s=11	#Peaks=1	dt= 7.7s	
88/05/20	Have	Have	Wave	ength=2788A		Exp #=67157	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-108	=-
Qual=01 Qual= 4 FePeak=04:23 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Exp #=67162 Rast=180"x1" Step=0" Pitch=-108					88/02/20					
Exp #=67162 Rast=180"x1" Step=0" Pitch=-108	DOY=141 Peak End times 04:26 05:01 Impo 04:25 04:32 CaPe			rtance=89 ak.c/s=20	Qual=01 Qual= 4	FePeak=04:23	FePeak .c/s=9	#Peaks=1 C+on=0"	dt= 7.7s	XEN=814100
	Wave	Wave	Wave	length=2788A		Exp #=67162	Rast=180"x1"	Step=0"	Pitch=-108	", Yaw=+862"

89deg 4101 /pixe1 89"	4102 /pixe1 45"	4103 /pixel 45"	4104 /pixel //		47deg 4300 (pixel 328"
H.Ang=89deg XEN=814101 35.84s/pixel	XEN=814102 1.024s/pixel ', Yaw=+945"	XEN=814103 1.024s/pixe1 , Yaw=+945"	XEN=814104 1.024s/pixel , Yaw=+877"	, Yaw≖+8	H.Ang=47deg XEN=814300 1.024s/pixe1 ", Yaw=+928"
=119deg dt= 7.7s Cad=35.8s Pitch=+21'	dt= 7.7s Cad=1.02s Pitch=+21"	dt= 7.7s Cad=1.02s Pitch=+21"	dt= 7.7s Cad=1.02s Pitch=-72"	Pitch=-72", Yaw=+877"	dt= 7.7s X Cad=1.02s 1 Pitch=+114",
Carr.Lon.=119deg #Peaks=1 dt= 7. Step=0" Cad=35 Step=5" Pitch=	#Peaks=1 Step=0" Step=3"	#Peaks=1 Step=0" Step=3"	#Peaks=1 Step=0" Step=0"	Step=0"	Carr.Lon.=140deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=5" Pitch=
MaxkeV=223 FePcak.c/s=350 Rast=0"x0" Rast=435"x256"	FePeak.c/s=10 Rast=0"x0" Rast=243"x243"	MaxkeV=71 FePeak.c/s=9 Rast=0"x0" Rast=243"x243"	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	MaxkeV=71 Rast=180"x1"	Mac.=BX0 FePeak.c/s=13 Rast=0"x0" Rast=130"x130"
Tot Cts=1.55E+5 FePeak=06:18 Exp #=67177	FePeak=10:40 Exp #=67209	Tot Cts=110 FePeak=12:39 Exp #=67210	FePeak=15:36 Exp #=67220	Tot	DOY=143 AR5025 FePeak=01:40 Exp #=67292
\$24E90 Qual=03 Qual=01 Qual= 1 Code=00 15400/45	Qual=04 Qual= 5 Code=00	Qual=03 Qual=01 Qual= 1 Code=00	Qual=03 Qual= 1 Code=02		88/05/22 \$19E45 Qual=11 Qual= 1 Code=00
Code=EPL Importance=M1 Peakc/s=1236 CaPeak.c/s=1167 Wavelength=1375A 2695/86 8800/200	Importance=C1 CaPeak.c/s=29 Wavelength=2788A	Importance=89 Peakc/s=61 CaPeak.c/s=29 Wavelength=2788A	Importance=B9 CaPeak.c/s=37 Wavelength=2788A	Importance=B5 Peakc/s=73 Wavelength=2788A 606/49	HaClass=SF Importance=C1 CaPeak.c/s=20 Wavelength=1375A
es o :	End times 11:05 10:58	End times 13:13 12:37:41 12:43	End times 16:10 15:51	. 3 es	End times 01:59 01:47
= 8931 5.4 DOY=141 Start Peak End tim 06:08 06:24 06:58 06:09:35 06:12:31 06:27:0 06:10 06:21 06:27 Frequency(MHz)/Flux(sfu)	DOY=141 Peak 10:44 10:46	DOY=141 Peak 12:41 12:37:29 12:39	DOY=141 Peak 15:40 15:37	= 8933 .01:16	D0Y=143 Peak 01:44 01:41
#0 I		# = 8932 /20,12:41 Start 12:36 12:36:58 12:38	# = 21614 /20, 15:40 Start 15:31 15:34 15:47	Event # = 8933 88/05/21,01:16 Start GOES 01:13 HXRBS 01:14:24 UVSP 01:12 Radio Frequen	Event # = 21615 88/05/22,01:44 Start Optical GOES 01:37 BCS 01:40 FCS 01:40
Event # 88/05/24 88/05/24 0ptical 60ES HXRBS BCS FCS UVSP Radio	Event 88/05/2	Event #88/05/2 GOES HXRBS BCS FCS UVSP	Event 88/05/ 60ES BCS FCS UVSP	Event 88/05/ GOES HXRBS UVSP Radio	Event 88/05/ Optica GOES ECS FCS UVSP

Event #88/05/2	Event # = 21616 88/05/22,03:36 Start Ontical	D0Y=143 Peak	End times		\$23651	AR5025	Mac,=BXO	Carr. Lon.		H.Ana≈54dea
Optical GOES (	03:21	03:36	:19	HaClass=SF Importance=C2	\$21E75 0ual=03	AR5027		Carr. Lon. =109deg		H. Ang=75deg
BCS S	03:27	03:30	03:39	CaPeak.c/s=21	Qual= 4	FePeak=03:28	FePeak.c/s=7	#Peaks=1 Sten=0"	dt= 7.7s Cad=1 02s	XEN=814301 1 024s/nixel
UVSP	3:34			Wavelength≖137	- 7	Exp $\#=67302$	Rast=130"x130"		Pitch=+99",	Yaw=+928"
່. ເ	03:46	03:47	03:52	CaPeak.c/s=19	Qual= 4	FePeak=03:50	FePeak.c/s=10	(S=1	dt= 7.7s	XEN=814302
UVSP	03:47			Wavelength≖1375A		Exp #=67303	Rast=265"x265"		pitch=+57",	Yaw=+960"
Event 88/05/2	Event # = 21618 88/05/22,11:07 Start	D0Y=143 Peak	End times							Por multi-ribir record adaption propries for the september of the septembe
Optica	10.58	11.07	.46	HaClass=1F	\$24E74	AR5027	Mac.=DSO	Carr.Lon.=106deg	=106deg	H.Ang=75deg
805 805 805	11:15	11:15	11:32	CaPeak.c/s=33	Qual= 5	FePeak=11:17	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=814303
UVSP	11:11			Wavelength=1375A	Code=02	Exp #=67331	Rast=265"x265"	Step=5"	_	, Yaw=+960"
Event #88/05/2	# = 21619 22,12:15	D0Y=143	4							
GOES	Start 60ES 12:02 BCS 12:21	reak 12:15 12:21	12:34 12:53	Importance=C1 CaPeak.c/s=20	Qual=05 Qual= 5	FePeak=12:21	FePeak.c/s=7	#Peaks=1		XEN=814304
S S S	12:21			Wavelength=1375A	Code=02	Exp #=67337	Rast=0 X0 Rast=265"x265"	Step=5"	cdu=1.02s Pitch=+57",	1.0245/pixel, Yaw=+960"
Event 88/05/;	Event # = 8934 88/05/22,21:50	DOY=143	End + impo	SMM Pointing:	\$24E67		Pitch=+77", Yaw=+879", Roll=-20deg	+879", Roll	=-20deg	H.Ang≈68deg
GOES HXRBS UVSP	21:49:30 21:37		21:5	Peakc/s=87 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1664 Exp #=67364	MaxkeV=223 Rast=180"x1"	Step=0"	Pitch=-41",Yaw=+806"	, Yaw=+806"
					88/02/53	3 D0Y=144				
Event 88/05/ Optica	Event # = 21620 88/05/23,01:05 Start Optical	) D0Y=144 Peak	End times	HaClass=SF	\$25E68	AR5027	Mac.=DSI	Carr.Lon.=104deg	=104deg	H.Ang=69deg
BCS	01:02	01:05	01:12	CaPeak.c/s=21	Qual= 4	FePeak=01:02	FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=814414 1 024s/piyel
UVSP	99:00			Wavelength=1375A		Exp #=67369	Rast=130"x130"	Step=5"	Pitch=+97"	Yaw=+872"

88/05/23,03:09	D0Y=144		SMM Pointing:	S24E64		Pitch=+85",Yaw=	, Yaw=+859", Roll:	, Roll≖-20deg	H.Ang=65deg
Start cal	Peak	E S	HaClass=SF	\$24E60	AR5027	Mac.=DSI	Carr.Lon.=111deg	=111deg	H.Ang=62deg
GUES 02:53 HXRBS 02:53:41 BCS 02:29	03:09 02:58:38 03:05	03:57 03:08:11 03:26	<pre>Importance=U9 Peakc/s=78 CaPeak.c/s=453</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=9742 FePeak=03:04	MaxkeV=71 FePeak.c/s=82	#Peaks=1	dt= 7.7s	XEN=814401
03:04			Wavelength=1375A	Code=00	Exp #=67381	Rast=130"x130"	Step=5"	pitch=+89",	33.045/pixel ,Yaw=+839"
ent # = 21621 1/05/23,04:08	DOY=144	Fnd + imps							
	04:08	05:00	CaPeak.c/s=102	Qual=00 Qual= 5	FePeak=04:09	FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=814402
UVSP 04:06			Wavelength=1375A		Exp #=67385	Kast=U"XU" Rast=10"X10"	Step=0"	cad=4.10s Pitch=+121"	4.090s/ptxel ", Yaw=+876"
5/23,05:39 5/23,05:39 Start 05:30 05:49	DOY=144 Peak 05:39 06:02	End times 06:40 06:34	Importance=C8 CaPeak.c/s=265	Qual=05	FePeak=05:58	FePeak.c/s=31	#Peaks=1	dt= 7.7s	XEN=814403
FCS UVSP 05:48			Wavelength=1375A		Exp #=67392	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=4.10s Pitch=+95"	4.096s/pixel ,Yaw=+862"
Event # = 8936 88/05/23,07:59	DOY=144	- + + + + + + + + + + + + + + + + + + +	SMM Pointing:	S24E61		Pitch=+757", Yaw	, Yaw=-374", Rol	, Roll=90deg	H.Ang=63deg
sal sal	7.50 K	S E	HaClass=SN	\$25E58	AR5027	Mac.=DSI	Carr.Lon.=110deg	=110deg	H.Ang=61deg
GUES 07:56 HXRBS 07:55:43 BCS 07:28	07:56:18 07:58:18	07:57:51 08:07	<pre>Importance=04 Peakc/s=132 CaPeak.c/s=124</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=2094 FePeak=07:58	MaxkeV=71 FePeak.c/s=28	#Peaks=2	dt= 7.7s	XEN=814404
07:56			Wavelength=1375A	Code=00	Exp #=67402	Rast=60"x60" Rast=265"x265"	Step=5"	cad=30.95 1 Pitch=+766",	1.024s/plxel ',Yaw=-360"
nt # = 21623 05/23,09:06 Start ical	D0Y=144 Peak	End times	HaClass=SN	\$25E58	AR5027	Mac.=DSI	Carr.Lon.=110deg	=110deg	H.Ang=61deg
90:60	90:60	09:24	CaPeak.c/s=53	Qual= 5	FePeak=09:06	FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=814405
09:03			Wavelength=1375A		Exp #=67405	Rast=130"x130"	Step=5"	Pitch=+111	", Yaw=+843"
1	4	- + + + + + + + + + + + + + + + + + + +	SMM Pointing:	S24E60		Pitch=+91", Yaw=	, Yaw=+835", Roll:	, Roll=-20deg	H.Ang=62deg
GOES 09:32 HXRBS 09:32:20 BCS 09:34	09:32 09:32:26 09:34	09:32:38 09:32:38 09:36	Importance=C2 Peakc/s=70 CaPeak.c/s=20	Qual=01 Qual=01 Qual= 1	Tot Cts=117 FePeak=09:34	MaxkeV=100 FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=814406
09:33 	09:33:30	09:33:30 09:34:08	Wavelength=1379  Peakc/s=66	Associated Qual=01	Exp #=67408 Event # = 8938 Tot Cts=188	kast=U"xU" Rast=265"x265" MaxkeV=71	Step=0 Step=5	Cad=4.10s Pitch=+99"	4.095s/p1xel ,Yaw≂+848" 

Event 88/05/ 60FS	Event # = 21624 88/05/23,11:05 Start GOES 10:21	DOY=144 Peak 11:05	End times	moortance=C2	Oua ] =04					
SSS SSS SSS SSS SSS SSS SSS SSS SSS SS	10:44	11:07	11:16		Qual= 1	FePeak=10:44	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=814407 1.024s/pixel
UVSP	10:58			Wavelength=1375A	Code=00	Exp #=67413	Rast=130"x130"		Pitch=+108	", Yaw=+840"
Event 88/05/	Event # = 21625 88/05/23,12:11 Start	DOY=144 Peak	Fnd times							
Optica GOFS	12:04	12:11	2	HaClass=1N	\$26E56	AR5027	Mac.=DSI	Carr.Lon.=110deg	=110deg	H.Ang≕59deg
BCS	12:21	12:22	12:49	k.c/s=140	Qual= 1	FePeak=12:22	Febeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=814408
UVSP	11:43			Wavelength=2788A		Exp #=67416	Rast=180"x1"	Step=0"	cad=23.0s Pitch=-26"	1.0245/plxel ,Yaw=+756"
Event 88/05/	Event # = 8939 88/05/23,15:11	DOY=144	1	SMM Pointing:	S24E57		Pitch=+99",Yaw≃	, Yaw=+813", Roll	, Roll=-20deg	H.Ang=60deg
Optica	3tal t 11 15.06	15.11	Ellu times	Class=SF	S24E48	AR5028	Mac.=AXX	Carr.Lon.=116deg	=116deg	H.Ang=52deg
HXRBS BCS	15:05:39 15:07	15:06:48 15:10 15:10	15:09:51 15:57	importance=c4 Peakc/s=110 CaPeak.c/s=137	Qual=01 Qual=01 Qual= 1	Tot Cts=2942 FePeak=15:10	MaxkeV=100 FePeak.c/s=32	#Peaks=1	dt= 3.8s	XEN=814409
FCS	14:51			Wavelength=2788A	Code=01	Exp #=67420	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-22"	1.024s/pixel ,Yaw=+744"
Event 88/05/	Event # = 21626 88/05/23,16:20 Start	D0Y=144 Peak	End times							
Optica GOFS	11 16:14	16:20	75	HaClass=SF Importance=C4	S26E54 Oual=05	AR5027	Mac.=DSI	Carr.Lon.=110deg	≃110deg	H.Ang=57deg
BCS FCS	16:33	16:33	16:40	ak.c/s=19	Qual = 5	FePeak=16:36	FePeak.c/s=8	#Peaks=1	dt= 7.7s	
UVSP	16:26			Wavelength=2788A	Code=02	Exp #=67422	Rast=180"x1"	Step=0"	pitch=-19"	, Yaw=+737"
Event # = 88/05/23,	# = 8940 '23,17:36 Start	DOY=144	Fnd + impo	SMM Pointing:	S24E56		Pitch=+103", Yaw	, Yaw=+803", Roll=-20deg	1=-20deg	H.Ang=59deg
Optica GOFS	17:22	17:36	18:36	HaClass=SN	\$27E59 0ual=02	AR5027	Mac.=DSI	Carr.Lon.=104deg	=104deg	H.Ang=62deg
HXRBS BCS BCS	17:29:23 17:26	17:31:00 17:31	17:32:03 17:32		Qual=01 Qual= 1	Tot Cts=3506 FePeak=17:31	MaxkeV=71 FePeak.c/s=40	#Peaks=1	dt= 3.8s	
UVSP Radio	17:26 Frequen	17:26 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=2788A 8800/64	Code=01	Exp #=67423	Kast=25"X25" Rast=180"X1"	Step=0" Step=0"	cad=23.0S Pitch=-18",	1.024s/plxel ,Yaw#+733"
Event 88/05/	Event # = 21627 88/05/23,18:45 Start	D0Y=144 Peak	End times	1 U	COREK	805027	130-	Poly No.	107469	2000
60ES 8CS 8CS	18:37 18:41	18:45 18:44	19:39 18:55	nac.ass-sr Importance=C2 CaPeak.c/s=51	0ual=01 0ual=1	FePeak=18:43	nacbsi FePeak.c/s=12	#Peaks=1	-10/uey dt= 3.8s	XEN=814412
FCS UVSP	19:01			ength=2788A		Exp #=67425	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=4.10s Pitch=-16"	4.096s/pixel ,Yaw=+726"
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eg	69 G		£	56 56 E8
H.Ang=42deg XEN=814413 1.024s/pixel ",Yaw=+792"	H.Ang=54deg H.Ang=53deg XEN=814500 4.096s/pixe1	H.Ang=53deg H.Ang=58deg XEN=814501 4.096s/pixe1 ", Yaw=+755"	H.Ang=53deg XEN=814502 0.512s/pixe1 ",Yaw=+712"	H.Ang=49deg H.Ang=46deg XEN=814503 4.096s/pixel Yaw=+633"
=124deg       dt= 7.7s   Cad=1.02s   Pitch=+118"	l=-20deg H =108deg H dt= 3.8s X cad=4.10s 4 Pitch=+163",	g 88 108 +136	88 31s +146	1=-20deg =111deg dt= 3.8s Cad=4.10s Pitch=+15",
Carr.Lon.=124deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=5" Pitch=	', Yaw=+761", Roll=-20deg Carr.Lon.=108deg	. Ro1	Carr.Lon.=106deg #Peaks=1 dt= 3. Step=15" Cad= 1 Step=5" Pitch=	=+707", Roll=-20de Carr.Lon.=111deg #Peaks=1 dt= 3. Step=0" Cad=4. Step=0" Pitch=
Mac.=DSI FePeak.c/s=13 Rast=0"x0" Rast=265"x265"	Pitch=+116", Yaw Mac.=EKI MaxkeV=71 FePeak.c/s=18 Rast=0"x0" Rast=10"x10"	Pitch=+120", Yaw=+751", Mac.=EKI Carr.1 MaxkeV=71 FePeaks.C/s=15 #Peaks Rast=0"x0" Step=C Rast=10"x10" Step=C	Mac.=EKI FePeak.c/s=18 Rast=240"x240" Rast=130"x130"	Pitch=+134", Yaw=+707", Roll=-20deg Mac.=EKI
AR5027 FePeak=22:56 Exp #=67430	Tot FePe Exp	AR5027 Tot Cts=918 FePeak=05:51 Exp #=67467	AR5027 FePeak=08:39 Exp #=67477	AR5027 Tot Cts=1048 FePeak=13:33 Exp #=67491
\$25E36 Qual=04 Qual= 4 . Code=00	a abba a	\$24E50 \$28E54 Qual=03 Qual=1 Qual= 1 Code=00	S26E49 Qual=04 Qual= 1 Code=00	\$24E45 \$24E41 Qual=01 Qual=1 Qual= 1
HaClass=SF Importance=C1 CaPeak.c/s=20 Wavelength=1375A	SMM Pointing: HaClass=SF Importance=C2 PeakC/s=68 CaPeak.c/s=99 Wavelength=1375A	SMM Pointing: HaClass=SN Importance=C2 Peakc/s=77 CaPeak.c/s=69 Wavelength=1375A	HaClass=SN Importance=C3 CaPeak.c/s=126 Wavelength=1375A	SMM Pointing: HaClass=SF Importance=C2 PeakC/s=135 CaPeak.c/s=66 Wavelength=2788A
End times 23:12 23:00	End times 04:19 04:28 04:28 ttensity:	End times 06:25 05:52:31 06:02	End times 09:30 09:09	End times 13:45 13:39
DOY=144 Peak 22:52 22:53	DOY=145 Peak End 04:05 04:03 04:03 Type/Intens	DOY=145 Peak 05:52 05:51:11 05:51	DOY=145 Peak 08:40 08:39	DOY=145 Peak 13:34 13:33 13:33
Event # = 21628 88/05/23,22:52 Start Optical 60ES 22:34 BCS 22:52 FCS UVSP 22:51	Event # = 8941 88/05/24,04:05 Start Optical GOES 03:58 HXRBS 03:59:39 BCS 03:48 FCS 03:48 FCS 03:48 RAdio Sweeps	Event # = 8942 88/05/24,05:52 Start Optical GOES 05:49 HXRBS 05:49 BCS 05:51 FCS 05:51	Event # = 21629 88/05/24,08:40 Start Optical GOES 08:37 ECS 08:35 UVSP 08:35	Event # = 8943 88/05/24,13:34 Optical GOES 13:31 HXRBS 13:31:30 BCS 13:32 FCS 13:50

Event 88/05/2	i i	D0Y=145		SMM Pointing:	S24E43		Pitch=+142", Yaw=+687",	=+687", Rol	', Roll=-20deg	H.Ang=48deg
GOES HXRBS BCS FCS	6:38 6:39:15 6:40	reak 16:43 16:39:35 16:42	17:09 16:40:32 16:48	mportance=Cl eakc/s=65 aPeak.c/s=52	Qual=01 Qual=01 Qual= 1	Tot Cts=315 FePeak=16:41	MaxkeV=71 FePeak.c/s=16 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s Cad=1.02s	XEN=814504 1.024s/pixel
UVSP	10:28			₩avelengtn=2/88A		EXp #=0/493	Kast≖180°x1°	o=daic		I dW=+010
Event # 88/05/2/ GOES BCS FCS UVSP	# = 21630 24,17:48 Start 17:43 17:47 17:31	DOY=145 Peak 17:48 17:48	End times 17:53 17:53	Importance=Cl CaPeak.c/s=30 Wavelength=2788A	Qual=01 Qual= 1 Code=01	FePeak=17:47 Exp #=67496	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+23",	XEN=814505 1.024s/pixel ,Yaw=+613"
Event # 88/05/24 88/05/24 00ES 1 BCS 1 FCS 1 UVSP 1	# = 21631 24,17:58 Start 17:54 17:56 17:31	DOY=145 Peak 17:58 17:58	End times 18:09 18:04	Importance=C1 CaPeak.c/s=37 Wavelength=2788A	Qual=01 Qual= 1	FePeak=17:57 Exp #=67496	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+23",	XEN=814506 1.024s/pixel Yaw=+613"
Event 88/05/ GOES BCS FCS UVSP	# = 21632 /24,21:04 Start 20:56 21:00 21:03	DOY=145 Peak 21:04 21:03	End times 21:22 21:10	Importance=C1 CaPeak.c/s=48 Wavelength=1375A	Qual=01 Qual= 1 Code=00	FePeak=21:01 Exp #=67502	FePeak.c/s=11 Rast=0"x0" Rast=200"x200"	#Peaks=1 Step=0" Step=5"	dt= 3.8s Cad=.26s Pitch=+158'	dt= 3.8s XEN=814507 Cad=.26s 0.256s/pixel Pitch=+158",Yaw=+676"
Event # 88/05/24	Event # = 8945 88/05/24,22:34 0ptical 60ES 22:31 60ES 22:32 FCS 22:32 FCS 22:32 FCS 22:32 WSP 22:24 Event # = 21633 88/05/24,23:10 0ptical 60ES 23:05 60ES 23:05	DOY=145 Peak 22:34 22:34 22:34 22:34 22:34 22:34 23:10 23:10	End times 22:45 22:38 22:38 End times 23:16 23:16 23:16	SMM Pointing:  HaClass=SF Importance=C2 Peakc/s=92 CaPeak.c/s=105 Wavelength=1375A HaClass=SF Importance=C1 CaPeak.c/s=26	\$24E40 \$25E36 Qual=01 Qual=1 Qual= 1 Code=00 \$24E39 Qual=01 Qual=01	AR5027 Tot Cts=2081 FePeak=22:33 Exp #=67509 AR5027 FePeak=23:10	Pitch=+150", Yaw Mac.=EKI MaxkeV=100 FePeak.c/s=34 Rast=240"x240" Rast=10"x10" Mac.=EKI FePeak.c/s=17	,Yaw=+653",Roll=-20deg Carr.Lon.=111deg 34 #Peaks=1 dt= 3.8 40" Step=15" Cad= 13 "." Step=0" Pitch=+ Carr.Lon.=108deg 17 #Peaks=1 dt= 7.7	=-20deg =111deg dt= 3.8s Cad= 131s Pitch=+175' Pitch=+175' dt= 7.7s	=-20deg H.Ang=45deg 111deg H.Ang=42deg dt= 3.8s XEN=814508 Cad= 131s 0.512s/pixel Pitch=+175", Yaw=+683" 108deg H.Ang=44deg dt= 7.7s XEN=814509
FCS UVSP	23:10			Wavelength=1375A	Code=02	Exp #=67515	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=4.10s 4 Pitch=+197",	4.096s/pixel ', Yaw=+708"

					88/05/25	5 DOY=146				
vent 4 8/05/2	Event # = 8946 88/05/25 03:27	D0Y=146		SMM Pointing:	\$24F38	•	Pitch=+160" Yaw	Yaw=+633" Rol	Roll=_20den	H Ann≖43dea
	Start		End times	•	201120	405037	3	200	Sana a	Party Party II
GOES HXRBS	03:21 03:25:38	03:27	03:30 9 03:26:23	naclass=sr Importance=C1 Peakc/s≖101	04256 Qual=01 Qual=01	AR502/ Tot Cts=745		carr. Lon. = 108deg	TO8deg	H.Ang=4Ideg
HXRBS	03:26:48	03:27	:55 03:27:59	wavelengtn=13/5A 	code=00 ssociated Qual=01	Exp #=b/535 Event # = 8947 Tot Cts=309	Kast=10"x10"  MaxkeV=71	Step#0"	Pitch=+205	Pltcn=+205",Yaw=+6/8" 
ent //05/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	Event # = 21634 88/05/25,06:33 Start GOES 06:29 BCS 06:32	DOY=146 Peak 06:33	End times 06:42	Importance=B9	Qual=01	Febbask=06.32	Tebes/ / Yes0	#Deade	d+= 7 7c	009VEN=81
FCS UVSP	06:28			Wavelength=1375A		Exp #=67549	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+558",	1.024s/pixel ", Yaw=-409"
Event # 88/05/2 60ES BCS ECS	Event # = 21635 88/05/25,09:35 Start GOES 09:29 BCS 09:42	D0Y=146 Peak 09:35 09:42	End times 10:30 09:58	Importance=C4 CaPeak.c/s=138	Qual=05 Qual= 5	FePeak=09:42	FePeak. C/s=11		dt= 3.8s	XEN=814601
<i>(</i> )	09:39 Sweeps Frequen	9:39 Type/Intensity Frequency(MHz)/Flux(sfu)	Intensity: Flux(sfu):	Wavelength=1375A Code=02 11/1 11/1 2695/10 4995/22 8800/30	Code=02 Exp #= 8800/30 15400/19	Exp #=67560 5400/19	Rast=240 x240" Rast=265"x265"	Step=15" Step=5"	cdd= 1318 U Pitch=+184",	U.51∠S/p1xe1 ",Yaw=+599"
Event # 88/05/2 GOES BCS	Event # = 21636 88/05/25,13:10 Start GOES 13:09 BCS 13:09	D0Y=146 Peak 13:10 13:09	End times 13:20 13:13	Importance=C1 CaPeak.c/s=21	Qual=01 Qual= 1	FePeak=13:09	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=814602
~ <del>6</del>	13:20			Wavelength=2788A		Exp #=67568	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+64",	1.024s/pixel ,Yaw=+492"
o5/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	L WILL P	DOY=	End times	HaClass=SF	S26E36	AR5027	Mac.=EKC	Carr.Lon.=103deg	=103deg	H.Ang=42deg
BCS PCS VSP VSP	13:20 13:20 13:20	13:23 13:21	13:29 13:25	<pre>importance=Cl CaPeak.c/s=35 Wavelength=2788A</pre>	Qual=01 Qual= 1 Code=00	FePeak=13:20 Exp #=67568	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+64".	XEN=814603 1.024s/pixel Yaw=+499"
ent #	Event # = 21638 88/05/25,14:37 Start	D0Y=146 Peak	End times	1						
BCS SE	14:23 14:33	14:37 14:36	14:47 14:58	nac.ass=sr Importance=C2 CaPeak.c/s=66	524E33 Qual=01 Qual= 4	AK5UZ/ FePeak=14:36	Mac.=EKC FePeak.c/s=11	#Peaks=1	=105deg dt= 3.85	H. Ang=39deg XEN=814604
UVSP Radio S	14:55 Sweeps	Type/I	Type/Intensity:	Wavelength=2788A II/2 V/2		Exp #=67570	Rast=180"x1"	Step=0"	cad=4.10s Pitch=+67",	4.U96s/p1xel ,Yaw=+482"

H. Ang=39deg XEN=814605 4.096s/pixel , Yaw=+473"	XEN=814606 3840s/pixel , Yaw=+530"	H.Ang=36deg H.Ang=34deg XEN=814607 0.512s/pixel ", Yaw=+591"	H. Ang=37deg XEN=814608 1.024s/pixel Yaw=+437"	H.Ang=35deg XEN=814609 4.096s/pixel Yaw=+430"	H.Ang=35deg H.Ang=33deg XEN=814700 , Yaw=+419"
88 10s +72"	dt= 7.7s X Cad=3840s Pitch=+209",	s 1s 215	=106deg dt= 3.8s Cad=25.6s Pitch=+85"	=106deg dt= 7.7s Cad=4.10s Pitch=+87"	g 88 +91'
Carr.Lon.=104deg #Peaks=2 dt= 3. Step=0" Cad=4. Step=0" Pitch=	#Peaks=1 Step=0" Step=5"	,Yaw=+515",Roll=-20deg Carr.Lon.=109deg Flags=I,ND 16 #Peaks=I dt= 3.8 40" Step=15" Cad= 13 ". Step=0" Pitch=+	Carr.Lon.=106deg #Peaks=1 dt= 3. Step=5" Cad=25 Step=0" Pitch=	Carr.Lon.=106deg #Peaks=1 dt= 7. Step=0" cad=4. Step=0" Pitch=	, Yaw=+495", Roll=-20de Carr.Lon.=109deg 14 #Peaks=2 dt= 3.
Mac.=EKC FePeak.c/s=16 Rast=0"x0" Rast=180"x1"	FePeak.c/s=14 Rast=0"x0" Rast=200"x200"	Pitch=+202", Yaw Mac.=EKI MaxkeV=71 FePeak.c/s=16 Rast=240"x240" Rast=10"x10"	Mac.=EKC FePeak.c/s=19 Rast=25"x25" Rast=180"x1"	Mac.=EKC FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	Pitch=+210", Ya Mac.=EKC MaxkeV=71 FePeak.c/s=14 Rast=180"x1"
AR5027 FePeak=16:07 Exp #=67572	FePeak=20:18 Exp #=67591	Tot Cts=1397 FePeak=20:57 Exp #=67596	AR5027 FePeak=21:57 Exp #=67599	AR5027 FePeak=22:47 Exp #=67600	6 DOY=147 AR5027 Tot Cts=1067 FePeak=00:01 Exp #=67602
S24E33 Qual=05 Qual= 1	Qual=01 Qual= 5 Code=00	\$24£29 \$25£26 Qual=01 Qual=1 Qual= 1 Code=00	\$27E28 Qual=01 Qual= 1 Code=01	NOO U	88/05/26 \$24£27 \$25£24 Qual=01 Qual= 1
HaClass=SF Importance=C8 CaPeak.c/s=244 Wavelength=2788A	Importance=C1 CaPeak.c/s=29 Wavelength=1375A	SMM Pointing: HaClass=SF Importance=C2 PeakC/s=81 CaPeak.c/s=83 Wavelength=1375A	HaClass=SF Importance=C2 CaPeak.c/s=81 Wavelength=2788A	HaClass=SF Importance=C3 CaPeak.c/s=23 Wavelength=2788A	SMM Pointing: HaClass=SN Importance=C3 Peakc/s=80 CaPeak.c/s=42 Wavelength=2788A
End times 16:45 16:33	End times 20:28 20:22	End times 21:04 20:57:49 21:19	End times 22:39 22:29	End times 23:07 22:50	End times 00:08 00:01:58 00:23
D0Y=146 Peak 16:02 16:07	00Y=146 Peak 20:19 20:18	00Y=146 Peak 20:59 20:56:26 20:58	D0Y=146 Peak 22:01 22:00	D0Y=146 Peak 22:57 22:48	D0Y=147 Peak 00:03 00:01:01 00:01
= 21639 5,16:02 Start 15:45 15:35	# = 21640 /25,20:19 Start 20:15 20:18 20:18	Event # = 8948 88/05/25,20:59 Start Optical GOES 20:46 HXRBS 20:55:51 BCS 20:52 FCS UVSP 20:51	Event # = 21641 88/05/25,22:01 Start Optical GOES 21:46 BCS 21:54 FCS 21:54	Event # = 21642 88/05/25,22:57 Start Optical GOES 22:40 BCS 22:47 FCS	= 8949 5,00:03 Start 23:59 00:00:43 00:18
Event # 88/05/2 Optical GOES PCS UVSP	Event 88/05, 60ES BCS FCS UVSP	Event # 88/05/25 8 8 05/25 00 00 00 00 00 00 00 00 00 00 00 00 00	Event # 88/05/2 0ptical GOES BCS FCS UVSP	Event # 88/05/2 0ptical GOES BCS FCS UVSP	Event # 88/05/20 Optical GOES HXRBS BCS UVSP

Event # = 8950	76V=147		OMM Dointing.	C24E27		Pitch=+210".Yaw:	. Yaw=+495", Roll=-20deg	=-20dea	H. Ang=35deg
oo/us/20,uv.1/ Start Ontical	Peak 14	End times	HaClass=SF	S26E31	AR5027	Mac.=EKI	Carr.Lon.=102deg		H.Ang=39deg
GOES 00:10 HXRBS 00:14:01 UVSP 00:18	00:17 00:16:07	00:24 00:17:12	Importance=C2 Peakc/s=62 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=1359 Exp #=67602	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+91",	, Yaw=+419"
Event # = 8951 88/05/26,01:05	D0Y=147		SMM Pointing:	S24E26		Pitch=+213", Yaw	, Yaw=+485", Roll	, Roll=-20deg	H.Ang=34deg
Start Optical		End times	HaClass=SB	\$28E30	AR5027	Mac.=EKI	Carr.Lon.=102deg	102deg	H.Ang=39deg
GOES 01:00 HXRBS 01:00:06 BCS 01:03	01:05 01:02:25 01:05	01:16 01:08:00 01:38	Importance=Ml Peakc/s=514 CaPeak.c/s=693	Qual=01 Qual=01 Qual= 1	Tot Cts=42663 FePeak=01:05	MaxkeV=130 FePeak.c/s=142	Flags=M5 #Peaks=1 c+en=0"	dt= 3.8s	XEN=814701 35, 845/nixel
FCS UVSP 00:52 Radio Frequen	00:52 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 410/150 606/41 14	Code=01 415/63 269	A Code=01 Exp #=67603 1415/63 2695/74 4995/73 88	Rast=180"x1" 8800/91 15400/56		_	, Yaw=+415"
Event # = 8952 88/05/26,01:22	D0Y=147	:	SMM Pointing:	S24E26		Pitch=+213", Yaw	, Yaw=+485", Roll	,Roll=-20deg	H.Ang=34deg
Start Optical	Peak	End times	На.	\$28E30	AR5027	Mac.=EKI	Carr.Lon.=102deg	102deg	H.Ang=39deg
GOES 01:16 HXRBS 01:15:40 UVSP 00:52	01:22 01:16:20	01:42 ) 01:16:55	Importance=C4 Peakc/s=74 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=809 Exp #=67603	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+92",Yaw=+415	, Yaw=+415"
Event # = 21643 88/05/26,01:46 Start Optical	DOY= Peak	End times		\$28E30	AR5027	Mac.=EKI	Carr.Lon.=102deg	-102deg	H.Ang=39deg
GOES 01:42 BCS 01:38	01:46 01:45	01:50 01:58	Importance=C2 CaPeak.c/s=44	Qual=01 Qual= 1	FePeak=01:44	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=814702 4 OG6s/nivel
FCS UVSP 01:52			Wavelength=2788A	Code=02	Exp #=67604	kast=U.xu Rast=180"x1"			, Yaw=+408"
Event # = 8953 88/05/26,02:57	D0Y=147	1	SMM Pointing:	S24E25		Pitch=+215", Yaw	, Yaw=+473", Roll	,Roll=-20deg	H.Ang=33deg
Start Optical		E :	HaClass=SF	\$24E24	AR5027	Mac.=EKI	Carr.Lon.=107deg	=107deg	H.Ang=32deg
GUES 02:43 HXRBS 02:55:13 BCS 02:46	02:55:2 02:55:2 02:52	5 02:55:45 03:17	Importance-us Peakc/s=55 CaPeak.c/s=95	Qual=01 Qual=01 Qual= 1	Tot Cts=85 FePeak=02:51	MaxkeV=71 FePeak.c/s=19	#Peaks=1	dt= 3.85	XEN=814703
FCS UVSP 03:27			₩avelength=2788A		Exp #=67606	Rast=180"x1"	Step=13	Pitch=+99"	, Yaw=+397"
St.	1 D0Y=147 Peak	End times		\$27E27	AR5027	Mac.=EKI	Carr.Lon.=104deg	=104deg	H.Ang≕36deg
GOES 04:10 BCS 04:20	04:21 04:20	04:23 04:23	Importance=L1 CaPeak.c/s=24	Qual=01 Qual= 1	FePeak=04:20	FePeak.c/s=12 Ract=0"x0"		dt= 7.7s X	XEN=814704 1.024s/pixel
UVSP 04:14			Wavelength=1375A	A Code=00	Exp #=67608	Rast=10"x10"	Step=0"	Pitch=+253	", Yaw=+420"

Event # 88/05/26	# = 8954 '26,05:01	į		SMM Pointing:	S24E24		Pitch=+221", Yaw	', Yaw=+462", Roll=-20deg	1=-20deg	H.Ang=33deg	[
GOES HXRBS BCS FCS	04:51 04:51 04:53:18 04:56	Peak 05:01 3.04:54:10 05:02	End times 05:43 04:55:16 05:06	Importance=C2 Peakc/s=63 CaPeak.c/s=120	Qual=03 Qual=01 Qual= 1	Tot Cts=728 FePeak=05:00	MaxkeV=71 FePeak.c/s=23	#Peaks=1	dt= 7.7s	XEN=814705	
UVSP	02:00			Wavelength=1375A	Code=00	Exp #=67614	Rast=25"x25" Rast=10"x10"	Step=5" Step=0"	Cad=25.6s 1 Pitch=+250",	1.024s/pixel ",Yaw=+519"	
Event # 88/05/20	# = 21645 26,07:47 Start	) DOY=147 Peak	End times								1
Optica GOES	_ 0	07:		HaClass=SF Importance=B9	\$26E23 0ual=01	AR5027	Mac.=EKI	Carr.Lon.≖106deg	=106deg	H.Ang=33deg	
న్లిన సా	4	07:45	02:20	CaPeak.c/s=22	Qual= 1	FePeak=07:45	FePeak.c/s=7 Rast=0"x0"	#Peaks=1	dt= 7.7s	XEN=814706	
UVSP	07:46			Wavelength=1375A	Code=00	Exp #=67626	Rast=10"x10"	Step=0"	Pitch=+267	", Yaw=+395"	
Event 88/05/	# = 8955 /26,09:44	DOY=147	4	SMM Pointing:	S24E22		Pitch=+233", Yaw=+4,30", Roll=-20deg	/=+430", Rol	1=-20deg	H.Ang=31deg	ı
GOES HXRBS BCS	354 6 09:36 09:41:54 09:43	09:44 09:42:02 09:43	09:52 09:42 09:47	<pre>Importance=C1 Peakc/s=261 CaPeak.c/s=23</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=2094 FePeak=09:43	MaxkeV=100 FePeak.c/s=8	#Peaks=1	v.	XEN=814707	
UVSP	09:42			Wavelength=1375A	Code=00	Exp #=67634	Rast=0"x0" Rast=265"x265"	= =	Cad=1.02s 1 Pitch=+242",	1.024s/pixel ', Yaw=+436"	
Event 88/05/	# = 8956 /26,11:16 Start	00Y=147	End +imps	SMM Pointing:	S24E21		Pitch=+237", Yaw=+418",	=+418", Rol	, Roll=-20deg	H.Ang=30deg	l
GOES HXRBS UVSP	11:11 11:14:11 10:45	11:16 11:14:33	11:21 11:14:46	Importance=B6 Peakc/s=99 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=374 Exp #=67637	MaxkeV=100 Rast=243"x243"	Step=3"	Pitch=+245",Yaw=+429"	', Yaw=+429"	
Event 88/05/	/26,19:51	DOY=147	)								ı
Optica GOES	ງເສເ ເ 1 19:42	reak 19:5	nd times 0:01	HaClass=SF Importance=B9	S24E15 Oual=03	AR5027	Mac.=EKI	Carr.Lon.=107deg	=107deg	H.Ang=27deg	
SSS	19:48	19:49	19:54		Qual = 5	FePeak=19:48	FePeak.c/s=12		dt= 7.7s	XEN=814709	
^	19:52			Wavelength=1375A	Code=02	Exp #=67649	kast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+289",	1.024s/pixel ",Yaw=+344"	
Event 88/05/	# = 8957 26,20:08 Start		Fnd +impe	SMM Pointing:	S24E16		Pitch=+262", Yaw=+352", Roll=-20deg	=+352", Roll	=-20deg	H.Ang=28deg	ł
GOES HXRBS BCS	20:05 \$ 20:05:35 20:07	20:08 20:06:15 20:08	90	Importance=C1 Peakc/s=74 CaPeak.c/s=30	Qual=01 Qual=01 Qual= 4	Tot Cts=631 FePeak=20:07	MaxkeV=71 FePeak.c/s=10	_	dt= 7.7s	XEN=814711	
VSP WSP	20:06			Wavelength=1375A	Code=00	Exp #=67651	Rast=0"x0" Rast=10"x10"		Cad=1.02s 1 Pitch=+285",	1.024s/pixel , Yaw=+362"	
											ı

# = 2 5/26,20 Star sal	DOY=	1 times	HaClass=1F	\$26E16	AR5027	Mac.≖EKI	Carr.Lon.=105deg	=105deg	H.Ang=29deg
GOES 20:25 BCS 20:26	5 20:52 6 20:37	21:07 20:47	Importance=C5 CaPeak.c/s=228	Qual=02 Qual= 1	FePeak=20:37	FePeak.c/s=47		dt= 3.8s X	XEN=814710
UVSP 20:37			Wavelength=1375A	Code=01	Exp #=67655	Rast=10"x10"	Step=0"	pitch=+282	1.0245/pixel ", Yaw=+398"
Event # = 21648 88/05/26,21:14 Start	1648 :14 DOY=147 Peak	Fnd +imac							
Optical		7.	HaClass=SF	\$26E16	AR5027	Mac.=EKI	Carr.Lon.=105deg	=105deg	H.Ang=29deg
BCS 21:23	3 21:27	22:15	Capeak.c/s=273	Qual= 1	FePeak=21:25	FePeak.c/s=47	#Peaks=1	dt= 3.8s	XEN=814708
UVSP 21:23 Radio Sweeps Radio Frec	21:23 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	<pre>fntensity: flux(sfu):</pre>	Wavelength=1375A III/1 4995/60 8800/68	Code=02	Exp #=67656	Rast=200"x200"	Step=5	cad=4.103	4.030s/pixe: ", Yaw=+352"
				88/05/2	7 D0Y=148				
Event # = 8958 88/05/27,05:46	358 :46 DOY=148	3	SMM Pointing:	S24E11		Pitch=+287", Yaw=+281", Roll=-20deg	=+281", Rol	1=-20deg	H.Ang≈25deg
Optical		end times	HaClass=SN	\$28E15	AR5027	Mac.=EKI	Carr.Lon.=102deg	=102deg	H.Ang=30deg
GOES 05:37 HXRBS 05:41 BCS 05:39	05:46 1:03 05:44:22 9 05:45	05:47:01 06:04	<pre>Importance=tb Peakc/s=55 CaPeak.c/s=353</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=4026 FePeak=05:45	MaxkeV=71 FePeak. c/s=79	#Peaks=1	dt= 3.85	XEN=814800
HCS UVSP 05:35	10		Wavelength=1375A	Code=00	Exp #=67699	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=35.8s Pitch=+316	cad=35.8s 35.84s/plxel Pitch=+316",Yaw=+356"
Event # = 8960 88/05/27,11:40	90Y		SMM Pointing:	S24E08		Pitch=+304", Yaw	, Yaw=+233", Rol	, Roll=-20deg	H. Ang=24deg
Optical		12.33	HaClass=SF	\$26E13	AR5027	Mac.=EKI	Carr.Lon.=100deg	=100deg	H.Ang=28deg
HXRBS 12:03: HXRBS 12:03: BCS 11:55	3:33 12:03:40 5 11:58	12:03:50 12:17	mportance-c/ Peakc/s=122 CaPeak.c/s=88	Qual=01 Qual= 5	Tot Cts=316 FePeak=11:58	MaxkeV=71 FePeak.c/s=8		dt= 3.8s	XEN=814801
FCS UVSP 11:20 Radio Sweeps		Intensity:	Wavelength=2788A V/3	Code=01	Exp #=67720	kast=b0"xb0" Rast=180"x1"	Step=10" Step=0"	cad=35.95 1 Pitch=+184",	1.024s/plxel ",Yaw=+164"
	57 13	2:02:01 12:02:36	Peakc/s=75 Wavelength=2788A	sociated Qual=01	Event # = 8959 Tot Cts=287 Exp #=67721	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+186"	.,Yaw=+156"
Event # = 8961 88/05/27,13:51	361 :51 D0Y=148	10 m ; + 10 m	SMM Pointing:	S24E07		Pitch=+309", Yaw	, Yaw=+221", Rol	, Roll=-20deg	H.Ang=24deg
~		14.10	HaClass=18	\$25E05	AR5027	Mac.=EKI	Carr.Lon.=107deg	=107deg	H.Ang=24deg
HXRBS 13:42 HXCS 13:44 BCS 13:44	2:26 13:47:40 1 13:50	13:58:52 14:01	Importance-72 Peakc/s=1251 CaPeak.c/s=1638	Qual=01 Qual= 1	Tot Cts=1.62E+5 FePeak=13:51	MaxkeV=130 FePeak.c/s=540	Flags=M5 #Peaks=1 S+on=0"	dt= 3.8s	XEN=814802
	13:56 Sweeps Type/Intensity	intensity:	Wavelength=2788A	Code=02	Exp #=67723	Rast=180"x1"	Step=0"	Pitch=+191	", Yaw=+144"
	quency(MHz)/F	lux(sfu):	2695/17 4995/50 8800/92 15400/75	8800/92 1	5400/75				

16:01 16:26 16:11 16:14  DOY=148 End t 18:34 18:36 18:34 18:36 18:34 20:32 20:04 20:32 20:00 39 20:01 20:03 20:01 20:03 20:10 20:03 20:10 20:03 20:10 20:03 20:10 20:04=148 End t Peak End t Peak End t	Importance=C2 CaPeak.c/s=18 Wavelength=2788A Mavelength=2788A Importance=B8 CaPeak.c/s=21	Qual=05 Qual= 5	Co0001=16.10		•	,	,
D0Y=148 Peak 18:35 18:35 18:34 18:34 20:00 20:00 20:00 20:00 20:03 20:03 20:03 20:03 20:03 20:04 Peak Peak Peak	Wavel Ha		ופרפמא זטי זנ	FePeak.c/s=8	#Peaks≖1	dt= 7.7s	XEN=814803
DOY=148 Peak 18:35 18:35 18:34 DOY=148 Peak 20:00:39 20:03 20:03 20:03 20:03 20:04 20:03 20:04 Peak Peak		Code=02	Exp #=67726	kast=U"XU" Rast=180"x1"	Step=0"	cad=1.025 Pitch=+198"	1.0245/plxel ",Yaw=+129"
18:35 18:35 18:34 DOY=148 Peak 20:00:39 20:00:39 20:03 20:03 Peak Peak Peak	HaClass=sr Importance=B8 CaPeak.c/s=21		700304	2	-	2000	1 A C - 5 C - 1
DOY=148 Peak 20:04 20:003 20:03 20:03 Peak Peak DOY=149 Peak		00a]=01 00a]=01 00a]= 4	AK5U2/ FePeak=18:33	mac.=thi FePeak.c/s=9	tarr.Lon.=loouey #Peaks=1 dt= 7.	=10oueg dt= 7.7s	n.Ang=24uey XEN=814804
DOY=148 Peak 20:04 20:04 20:03 20:03 20:03 Peak Peak Peak Peak	Wavelength=2788A	Code=02	Exp #=67729	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+205",	1.024s/pixel ',Yaw=+110"
20:04 20:00:39 20:03 20:03 20:03 Peak 23:12:10 Peak	SMM Pointing:	S24E04		Pitch=+327", Yaw	, Yaw=+176", Rol	, Roll=-20deg	H.Ang=23deg
20:04 20:00:39 20:03 Peak 23:12:10 DOY=149 Peak	Ha.	\$25W00	AR5027	Mac.=EKI	Carr.Lon.=109deg	=109deg	H.Ang=24deg
DOY=148 Peak 23:12:10 DOY=149 Peak	:39 Peakc/s=145 CaPeak.c/s=115	Qual=01 Qual=01 Qual= 1	Tot Cts=3678 FePeak=20:03	MaxkeV=71 FePeak.c/s=26	#Peaks=1	dt= 3.8s X	XEN=814805
DOY=148 Peak 23:12:10 DOY=149 Peak	Wavelength=2788A	Code=02	Exp #=67731	Rast=180"x1"	Step=0"	Pitch=+209	, Yaw=+98"
23:12:10 00Y=149 Peak	SMM Pointing:	S24E02		Pitch=+336", Yaw	, Yaw=+150", Roll=-20deg	1=-20deg	H.Ang=23deg
DOY=149 Peak	:51 Peakc/s=76 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1471 Exp #=67735	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=+218",Yaw=+74	", Yaw=+74"
D0Y=149 Peak		88/02/28	D0Y=149				
Peak 00.57	SMM Pointing:	S24E01		Pitch=+341",Yaw	, Yaw=+138", Rol	, Roll=-20deg	H.Ang=23deg
\c.	≣es	\$24W00	AR5027	Mac.=FKC	Carr.Lon.=106deg	=106deg	H.Ang=23deg
HXRBS 00:40:59 00:50:23 00:58:00:58:00:57 00:59	<pre>importance=ni :44 Peakc/s=365 CaPeak.c/s=829</pre>	Qual=02 Qual=03 Qual= 1	Tot Cts=49873 FePeak=00:56	MaxkeV=100 FePeak.c/s=265	Flags=M5, #Peaks=1		XEN=814911
FCS UVSP 00:04	Wavelength=2788A	V Code=00	Exp #=67737	Rast=25"x25" Rast=243"x243"	Step=5" Step=3"	Cad=25.6s I Pitch=+348",	1.024s/prxel ",Yaw=+151"
Event # = 21651 88/05/28,01:37 D0Y=149 Start Peak End time	mes						
GOES BCS 01:36 01:37 01:42	CaPeak.c/s=19	Qual=00 Qual= 5	FePeak=01:38	FePeak.c/s=15	#Peaks=1	dt= 7.7s X	XEN=814900
UVSP 01:37	Wavelength=1375A		Exp #=67738	Rast=200"x200"	Step=5"	Pitch=+352	", Yaw=+139"

Event # 88/05/2	Event # = 21652 88/05/28,08:04 Start	00Y=149 Peak	End times	H Jace CN	C25W04	AR5027	J# Jew	Carr, Ion.=106ded	=106dea	H. Ana=24dea
GOES	07:51 08:08	08:04 08:08	08:19 08:12	Importance=C2 CaPeak.c/s=30	Qual=05 Qual= 5	FePeak=08:08	FePeak.c/s=8	#Peaks=1	7s 02e	XEN=814901
rcs UVSP Radio	08:03 Frequen	08:03 Frequency(MHz)/Flux(sfu)	:Jux(sfu):	Wavelength=1375A Code=00 8800/35 15400/25	Code=00	Exp #=67771	Rast=10"x10"	Step=0"	~	1.0245/P1X51 ',Yaw=-390"
Event # 88/05/28	Event # = 8965 88/05/28,08:26	D0Y=149		SMM Pointing:	S24W03		Pitch=-50", Yaw=-368"	-368", Roll	, Roll=90deg	H.Ang=23deg
Optical	3tart 00.20		מ מ	HaClass=SN	\$25W04	AR5027	Mac.=FKC	Carr.Lon.=106deg	=106deg	H.Ang=24deg
HXRBS BCS BCS	08:20:06 08:23:08:23	08:22:43 08:25	08:25:57 08:36	Importance-c3 Peakc/s=180 CaPeak.c/s=305	Qual=01 Qual= 1	Tot Cts=10167 FePeak=08:25	MaxkeV=100 FePeak.c/s=82	#Peaks=1	dt= 3.8s	XEN=814902
UVSP Radio	08:18 Frequen	08:18 Frequency(MHz)/Flux(sfu)	:]ux(sfu):	Wavelength=1375A Code=00 4995/34 8800/83 15400/26	Code=00 15400/26	Exp #=67773	Rast=10"x10"	Step=0"	_	Yaw=-380"
Event # 88/05/2	Event # = 21653 88/05/28,11:19 Start	DOY=149 Peak	End times				:		-	
Optical GOFS	11.10	11.19		HaClass=SN Importance=C3	\$25W06 0ual=04	AR502/	Mac.=FKC	Carr.Lon.=106deg	=105deg	H.Ang=25deg
BCS	11:24	11:24	11:31	CaPeak.c/s=32	Qual= 5	FePeak=11:24	FePeak.c/s=6 Rast=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s X	XEN=814903 1.024s/pixel
UVSP Radio	11:19 Frequen	1:19 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=1375A Code=02 8800/44	Code=02	Exp #=67784	Rast=265"x265"	Step=5"	Pitch=+379"	, Yaw=+65"
Event # 88/05/2	Event # = 21654 88/05/28,11:42 Start	DOY=149 Peak	End times		701.100			-	20 F 30 F	20 E 3 C = 200 E
Optical GOES	11:36	11:42	12:00	HaClass=SN Importance=C2	\$25,406 Qual=01	AK502/	Mac.=FKU	carr. Lon. = 105deg	=10paeg	H.Ang≖25aeg
	11:36	11:43		CaPeak.c/s=64	Qual= 1	FePeak=11:41	FePeak.c/s=12 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s Cad=4.10s	XEN=814904 4.096s/pixel
	11:39			Wavelength=1375A Code=00	Code=00	Exp #=67787	Rast=10"x10"	Step=0"	Pitch=+422"	', Yaw≖+16"
Event # 88/05/2	Event # = 8966 88/05/28,13:26	DOY=149	ישיי ליים	SMM Pointing:	S24W06		Pitch=+376", Yaw=+44", Roll=-20deg	=+44", Roll	=-20deg	H.Ang=24deg
Optical	3tai t 13.21	12,26	0	HaClass=SF	\$25W07	AR5027	Mac.=FKC	Carr.Lon.=106deg	=106deg	H.Ang=25deg
HXRBS UVSP Radio	13:22:18 13:22:18 13:16 Frequen	13:22 13:22:18 13:22:37 13:23:3 13:16 Frequency(MHz)/Flux(sfu)	<b>d</b>	Peakc/s=114 Wavelength=1375A 4995/31 8800/24	Qual=01 Code=00	Tot Cts=1654 Exp #=67793	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+402",Yaw=+24	', Yaw=+24"

Event # 88/05/2	Event # = 8967 88/05/28,14:52	D0Y=149	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SMM Pointing:	S24W07		Pitch=+380", Yaw	, Yaw=+31", Roll	, Roll=-20deg	H.Ang=24deg
Optical	] Jtal t	14.E2	ביים ביים ביים	HaClass=SN	S25W04	AR5027	Mac.=FKC	Carr.Lon.=102deg	=102deg	H.Ang=24deg
HXRBS BCS BCS	14:49:17 14:50	14:32 14:49:45 14:51	14:59 14:50:07 14:56	Importance=tl Peakc/s=305 CaPeak.c/s=41	Vual=01 Qual=01 Qual= 1	Tot Cts=3217 FePeak=14:52	MaxkeV=130 FePeak.c/s=9	Flags=M5 #Peaks=1	dt= 7.7s	XEN=814906
UVSP	14:50			Wavelength=1375A	Code=00	Exp #=67799	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+366",	].024s/pixel ",Yaw=+167"
Event #88/05/2	Event # = 21655 88/05/28,17:53 Start	D0γ=149 Peak	End times							
Optical GOES	ן 17:47	17:53	:59	HaClass=SF Importance=B9	\$24W08 0ual=01	AR5027	Mac.=FKC	Carr.Lon.=105deg	=105deg	H.Ang=24deg
SSS	17:49	17:51	17:55		Qual= 1	FePeak=17:49	FePeak.c/s=11 Rast=0"×0"	#Peaks=1 Sten=0"	dt= 7.7s X	XEN=814907
UVSP	17:50			Wavelength=1375A	Code=00	Exp #=67814	Rast=265"x265"	Step=5"	Pitch=+399	", Yaw=+17"
Event # 88/05/2	# = 21656 /28,19:32 Start		Fnd +imag							
GOES	19:27 19:29	19:32 19:30	20:15 19:41	<pre>Importance=C1 CaPeak.c/s=26</pre>	Qual=03 Qual= 1	FePeak=19:29	FePeak.c/s=14		dt= 7.7s	XEN=814908
0	18:53 Sweeps	Type/I	Type/Intensity:	Wavelength=2788A Code=00 III/2 V/3	Code=00	Exp #=67818	Rast=243"x243"	Step=3"	cau=10038 2 Pitch=+402",	., Yaw=+9"
Event # 88/05/2	Event # = 21657 88/05/28,22:41	D0Y=149	10 m;+							
GOES	22:22 22:28 22:28	22:41 22:39	22:53 22:51 22:51	Importance=Cl CaPeak.c/s=36	Qual=01 Qual= 1	FePeak=22:41	FePeak, c/s=17	#Peaks=1	dt= 7.7s	XEN=814909
UVSP	22:51			Wavelength=2788A		Exp #=67822	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+285",	1.024s/pixel ",Yaw=+151"
Event #88/05/2	Event # = 21658 88/05/28,23:26 Start	D0Y=149 Peak	End times							
Optical GOES	 23:12	23:26	00:15	HaClass=SF Importance=C3	\$24W12 Qual=05	AR5027	Mac.=FKC			H.Ang=26deg
BCS FCS	<del>ن</del> :	~	:05		Qual= 5	FePeak=23:35	FePeak.c/s=16 Dast=240"<240"	#Peaks=1	dt= 3.85 X	XEN=814910 0 512s/pivel
UVSP	23:24			Wavelength=2788A	Code=00	Exp #=67823	Rast=180"x1"		Pitch=+286	", Yaw=+147"
					88/02/50	9 DOY=150				
Event #88/05/2	Event # = 21659 88/05/29,00:24 Start	D0Y=150 Peak	End times		•					
GOES BCS UVSP	00:19 00:24	00:24	62:00	CaPeak.c/s=20 Wavelength=2788A	Qual=00 Qual= 4	FePeak=00:21 Exp #=67824	FePeak.c/s=15 Rast=180"x1"	#Peaks=1 Step=0"	dt= 7.7s Pitch=+289	dt= 7.7s XEN=815000 Pitch=+289",Yaw=+139"
				And the second s						

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Event # = 21660 88/05/29,01:29 Start GOES 01:04 BCS 01:06 FCS UVSP 01:58	= 21660 9,01:29 Start 01:04 01:06	DOY=150 Peak 01:29 01:26	End times 02:05 01:46	Importance=C3 CaPeak.c/s=107 Wavelength=2788A	Qual=01 Qual= 1	FePeak=01:24 Exp #=67826	FePeak.c/s=18 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X  Cad=1.02s 1 Pitch=+294",	XEN=815001 1.024s/pixe1 ', Yaw=+127"
Event # = 21661 88/05/29,04:37 Start GOES 04:31 BCS 04:36 FCS 04:36	= 21661 9,04:37 Start 04:31 04:36	DOY=150 Peak 04:37 04:37	End times 04:43 04:40	Importance=Cl Qual=Ol CaPeak.c/s=25 Qual= 1 Wavelength=1375A Code=OO	Qual=01 Qual= 1 Code=00	FePeak=04:37 Exp #=67838	FePeak.c/s=7 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s XI Cad=1.02s 1 Pitch=+438",	XEN=815002 1.024s/pixel ', Yaw=+6'
Event # = 88/05/29, St. GOES HXRBS 04 UVSP 04	5/29,04:49 5/29,04:49 Start 5 04:49:08 04:47	DOY=150 Peak 04:49:13	End times 04:49:33	SMM Pointing: Peakc/s=83 Wavelength=1375A	\$24W14 Qual=00 Qual=01	Tot Cts=260 Exp #=67840	Pitch=+421", Yaw=-74", Roll=-20deg MaxkeV=597 Flags=AX Rast=10"x10" Step=0" Pitch=	=-74", Roll Flags=AX Step=0"	=-20deg H.Ang=27 Pitch=+439",Yaw=+4"	H.Ang=27deg ",Yaw=+4"
Event # = 21662 88/05/29,05:54 Start GOES 05:50 BCS 05:59 FCS UVSP 05:52	= 21662 9,05:54 Start 05:50 05:59	DOY=150 Peak 05:54 06:01	End times 06:05 06:04	Importance=C5 CaPeak.c/s=32 Wavelength=1375A	Qual=05 Qual= 5 Code=00	FePeak=05:59 Exp #=67843	FePeak.c/s=8 Rast=0"x0" Rast=200"x200"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+432",	XEN=815003 1.024s/pixel ", Yaw=-74"
Event # = 88/05/29, St 60ES 06 BCS 06 FCS UVSP 06	5/29,06:08 5/29,06:08 Start 06:05 06:09	D0Y=150 Peak 06:08 06:09	End times 06:15 06:11	Importance=Cl CaPeak.c/s=21 Wavelength=1375A	Qual=01 Qual= 1 Code=02	FePeak=06:09 Exp #=67845	FePeak.c/s=7 Rast=0'x0" Rast=200"x200"	#Peaks=1 Step=0" Step=5"	dt= 7.7s XI Cad=1.02s 1 Pitch=+433",	XEN=815004 1.024s/pixel ", Yaw=-76"
Event # = 21664 88/05/29,09:14 Start Optical GOES 09:09 BCS 09:17 FCS UVSP Radio Frequenc	= 21664 9,09:14 Start 09:09 09:17 Frequen	DOY=150 Peak 09:14 09:17 icy(MHz)/F	= 21664 ,09:14 DOY=150 tart Peak End times 9:09 09:14 09:32 9:17 09:17 09:32 Frequency(MHz)/Flux(sfu):	HaClass=SF Importance=C2 CaPeak.c/s=73 2695/13 4995/30	\$25W15 Qual=01 Qual= 5	AR5027 FePeak=09:17	Mac.=FKC FePeak.c/s=9 Rast=0"x0"	Carr.Lon.=103deg #Peaks=1 dt= 3. Step=0" Cad=4. Pitch=	88 108 +444	H.Ang=28deg XEN=815005 4.096s/pixel ", Yaw=-85"

12:49   12:55	14310 (	5 D0Y=150 Peak	End times		CONYCO	AB5027		\$ 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	20000
12:49   12:51   CaPeak. C/s=19   Qual= 4   FePeakr12:49   Rast=180"X  Step=0"   Pitch++4323   Pitch++4323   Pitch++451", Yaw=-154", Roll=-20deg   Pitch++451", Yaw=-154",	12:4	$\sim$	:55		Qua]=01	AK302/	מלי-דאנ	נפון . רסוו		n.Ang=354eg
Box	12:4	$\sim$	:51		Qual≖ 4	FePeak=12:49	FePeak.c/s=7	#Peaks=1		XEN=815006
Digit   Digi	12:5			Wavelength=2788A		Exp #=67872	Rast=180"x1"	Step=0"		1, Yaw=+47"
15.15.40   15:15.50   Peakc/s-71   Qual=01   Tot Cts=577   PaxkeV=71   Pask   Pas	vent # = 8969	D0Y=1		1	S24W20		Pitch=+451", Yaw	=-154", Rol	1=-20deg	H. Ang=30deg
18.36	Start GOES 15:10 HXRBS 15:15:07 UVSP 15:03	reak 15:14 15:15	End times 15:23 15:15:52	Importance=Cl Peakc/s=71 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=577 Exp #=67875	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+330	", Yaw=+33"
18.35   18.31   18.35   18.3	t # = 8970 5/29,18:38	D0Y=1		1	S24W22		Pitch=+460", Yaw	=-176", Rol	1=-20deg	H.Ang=31deg
18:35 19 18:47   Importance=C1   Qual=O1   Tot Cts=980   RaxteV=71   Step=O" Cad=1.02s   Raxt=180"x1"   Step=O" Pitch=+339   Peak   Pointing: \$24W23   Raxt=180"x1"   Step=O" Pitch=+369   Pitch=+464", Yaw=-187", Roll=-20deg   Peak   Peak   Pointing: \$24W23   Raxt=180"x1"   Step=O" Pitch=+369   Peak   Pointing: \$24W23   Raxt=180"x1"   Raxev=187", Roll=-20deg   Raxt=240"x240"   Step=IG" Carr.Lon.=99deg   Coll of Peak   Peak   Cs=55   Qual=O    Tot Cts=940   Raxt=V=100   Raxt=V=100   Raxt=V=100   Pitch=+470", Yaw=-220", Roll=-20deg   Peak   Peak   Cs=55   Qual=O    Tot Cts=940   Raxt=V=100"   Step=O" Pitch=+430   Pitch=+430"x1"   Step=O" Pitch=+440   Pitch=+440"   Step=O" Pitch=+440   Pitch=+440	start cal		ı tımes		\$26W15	AR5027	Mac.=FKC	Carr. Lon.	=98deg	H.Ang=29deg
DOY=150  DOY=150  SMM Pointing: \$24W23  DOY=150  Exp #=67879  Rast=180"x1" Step=0 Cad=1:025  Box 10	18:34 18:34 18:36	18:38 18:35:1 18:37	18:41 18:35:47 18:39		Qual=01 Qual=01 Qual= 1	Tot Cts=980 FePeak=18:36	MaxkeV=71 FePeak, c/s=9	#Peaks=1	dt= 7.7s	XEN=815007
DOY=150  DOY=150  End times  HaClass=SF S26W17  Capeak.c/s=119  DOY=151  DOY=150  End times  HaClass=SF S26W17  AR5027  Hac.=FKC Carr.Lon.=99deg  Auxev=100  Auxev=100  Haxev=100  Haxev=101  Haxev=100  Haxev=101  Haxev=100  Haxev=101  Ha		ıcy (MHz) /F	·lux(sfu):	Wavelength=2788A 606/1100 1415/22		Exp #=67879	kdst=0.xU Rast=180"x1"	Step=0" Step=0"	cad=1.02s Pitch=+339	1.024s/p1xe1 ",Yaw=+10"
20:14 20:19	t # = 8971 5/29,20:14	D0Y=150		Pointing	S24W23		Pitch=+464", Yaw	187", Rol	1=-20deg	H.Ang=32deg
20:113	Start cal	reak 20.12	E E		\$26W17	AR5027	Mac.=FKC	Carr. Lon.	=99deg	H.Ang=30deg
Mavelength=27884   Exp #=67881   Rast=240"xZ40"   Step=15"   Cad= 1518	20:00	20:10: 20:15:	20:13 20:11:14 20:17		Qual=01 Qual=01 Qual= 1	Tot Cts=940 FePeak=20:15	MaxkeV=100 FePeak.c/s=10	#Peaks=2	dt= 3.85	XEN=815008
DOY=151 SMM Pointing: S24W25 Pitch=+476", Yaw=-220", Roll=-20deg Peak End times 01:09 01:19 Importance=C3 Qual=01 Tot Cts=1419 Peak.c/s=10 Raste0"x0" Step=0" Cad=4.10s 01:06:43 01:07:41 Peak.c/s=53 Qual=01 FePeak=01:08 Rast=200"x200" Step=5" Pitch=+485"  DOY=151 Peak CaPeak.c/s=41 Qual=01 FePeak=02:40 FePeak.c/s=8 #Peaks=1 dt= 7.7s 02:41 02:47 Importance=C2 Qual=01 FePeak=02:40 FePeak.c/s=8 #Peaks=1 dt= 7.7s Wavelength=1375A Code=00 Exp #=67910 Rast=0"x0" Step=0" Pitch=+463"	19:			ફ્ર		Exp #=67881	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 131s Pitch=+343	0.512s/p1xel ",Yaw=-1"
DOY=151  DOY					88/02/3					
01:09 01:19 Importance=C3 Qual=01 Tot Cts=1419 MaxkeV=71  #Peaks=1 dt= 3.8s	t # = 8972 5/30,01:09	DOY=1	End +imes	SMM Pointing	S24W25	•	Pitch=+476", Yaw	r=-220",Ro1	1=-20deg	H.Ang≕34deg
01:08   Wavelength=1375A Code=00   Exp #=67903   Rast=200"x200"   Step=5"   Cad=4.10s   # = 21666   Start   D0Y=151   Start   Peak   End times   Importance=C2   Qual=01   FePeak=02:40   FePeak.c/s=8   #Peaks=1   dt= 7.7s   02:35   02:41   02:54   CaPeak.c/s=41   Qual=1   FePeak=02:40   FePeak.c/s=8   #Peaks=1   dt= 7.7s   02:39   02:41   02:54   CaPeak.c/s=41   Qual=0   Cad=1.02s   02:30   Wavelength=1375A Code=00   Exp #=67910   Rast=10"x10"   Step=0"   Pitch=+463"	3147 01:06 01:06:2! 01:08	01:09 01:06 01:10	01:19 01:07:41 01:25	<pre>Importance=C3 Peakc/s=113 CaPeak.c/s=53</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=1419 FePeak=01:08	MaxkeV=71 FePeak.c/s=10	#Peaks=1	dt= 3.85	XEN=815100
# = 21666 30,02:41 D0Y=151 Start Peak End times 02:35 02:41 02:47 Importance=C2 Qual=01 02:39 02:41 02:54 CaPeak.c/s=41 Qual= 1 FePeak=02:40 FePeak.c/s=8 #Peaks=1 dt= 7.7s 02:39 02:41 02:54 CaPeak.c/s=41 Qual= 1 FePeak=02:40 FePeak.c/s=8 #Peaks=1 dt= 7.7s 02:30 Step=0" Pitch=+463	01			Wavelength=1375A		Exp #=67903	Kast=U"XU" Rast=200"x200"	Step=0" Step=5"	Cad=4.10s Pitch=+485	4.096s/pixel ", Yaw=-210"
Rast=0"x0" Step=0" Cad=1.02s 02:30 Wavelength=1375A Code=00 Exp #=67910 Rast=10"x10" Step=0" Pitch=+463"	# = 2166 /30,02:41 Start 02:35 02:39	DOY=15 Peak 02:41 02:41	End times 02:47 02:54		Qual=01 Qual= 1	FePeak=02:40	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=815101
				75A	Code=00	Exp #=67910	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=+463	1.024s/pixel ",Yaw=-170"

event # 38/05/3	= 8973 0,02:56	DOY=151	-	SMM Pointing:	S24W26		Pitch=+480", Yaw	, Yaw=-230", Rol	, Roll=-20deg	H.Ang=34deg
GOES HXRBS BCS	31471 GOES 02:53 HXRBS 02:54:00 BCS 02:57	02:54:14 02:57	03:00 02:54:26 02:59	Importance=C1 Peakc/s=197 CaPeak.c/s=21	Qual=01 Qual=01 Qual= 4	Tot Cts=897 FePeak=02:57	MaxkeV=130 FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=815102
	02:44			Wavelength=1375A	Code=00	Exp #=67912	Rast=U"XU" Rast=10"X10"	Step=0" Step=0"	Cad=1.02s Pitch=+464	1.024s/p1xel ",Yaw=-176"
Event # 88/05/3 GOES GOES BCS	# = 21667 /30,03:11 Start 03:00 03:05	DOY=151 Peak 03:11 03:06	End times 03:30 03:08	Importance=C1 CaPeak.c/s=23	Qual=02 Qual= 4	FePeak=03:05	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN-815103
	03:01			Wavelength=1375A	Code=00	Exp #=67914	Rast=0.x0 Rast=10"x10"	Step=0"	cad=1.02s 1 Pitch=+454",	1.0245/p1xe1 ',Yaw=-163"
14310 6	# = 21668 /30,08:51 Start	D0Y=151 Peak	End times	7)=03e[7] eH	CORUOS	A D S C O 7	Mac = EVC	poly in a 102des	-103469	100 P.S. C. D. C.
-	08:32 08:45	08:51 08:50	09:51 09:11	Importance=C3 CaPeak.c/s=109	Qual=04 Qual= 1	FePeak=08:50	FePeak.c/s=17	#Peaks=1	SS.	XEN=815104
	08:44			Wavelength=1375A	Code=00	Exp #=67940	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=4.10s 4 Pitch=+484",	4.096s/pixel ',Yaw=-227"
Event # 88/05/3	5/30,15:06	DOY=151	- +	SMM Pointing:	S24W33		Pitch=+513", Yaw	, Yaw=-314", Rol	, Roll=-20deg	H.Ang=39deg
Optical	15.00	15.06	15.33	HaClass=SF	\$24W32	AR5027	Mac.=FKC	Carr.Lon.=104deg	=104deg	H.Ang=39deg
HXRBS BCS BCS	15:03:33 15:03	15:04:18 15:09	15:05:42 15:27	Peakc/s=70 CaPeak.c/s=56	Qual=01 Qual= 1	Tot Cts=923 FePeak=15:08	MaxkeV=71 FePeak.c/s=10	#Peaks=1	dt= 3.85	XEN=815105
	15:36			Wavelength=2788A		Exp #=67951	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 131s 0 Pitch=+394",	0.512s/pixel ',Yaw=-133"
Event # 88/05/30	t # = 21669 5/30,17:12 Start	D0Y=151 Peak	End times							
Optical GOES BCS	17:04 17:10	17:12	17:26 17:14	HaClass=SF Importance=Cl CaPeak.c/s=34	S26W38 Qual=03 Qual= 1	AR5027 FePeak=17:12	Mac.=FKC FePeak.c/s=9	<pre>Carr.Lon.=109deg #Peaks=1 dt= 7</pre>	٧,	H.Ang=44deg XFN=815106
FCS UVSP	17:11			ength=2788A	Code=00	Exp #=67953	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+398",	1.024s/pixel ',Yaw=-143"
Event # 88/05/30	# = 21670 /30,18:03 Start	D0Y=151 Peak	End times	])=03e[] eH	COAUSA	405027	7. N	200	20000	20 POP = 200 POP
60ES 80S 80S	17:49 17:52	18:03 18:03	18:09 18:20	Importance=C3 CaPeak.c/s=117	Qual=01 Qual= 1	FePeak=18:01	FePeak.c/s=16	: -	75	XEN=815107
	17:43			Wavelength=2788A Code=01	Code=01	Exp #=67954	kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=4.1US 4 Pitch=+399",	4.096s/plxe! ',Yaw=-147"

.9:49	Peak 20:10 20:05	End times 20:27 20:23	HaClass=1N Importance=C9 CaPeak.c/s=418	\$23W40 Qual=01 Qual= 1	AR5027 FePeak=20:03	Mac.=FKC FePeak.c/s=65 Rast=0'x0"	Carr.Lon.=109deg #Peaks=1 dt= 7. Step=0" Cad= 1	=109deg dt= 7.7s Cad= 180s	H.Ang=45deg XEN=815108 180.0s/pixel
:59			Wavelength=1375A	Code=00	Exp #=67961	Rast=10"x10"	Step=0"		
# = 21672 /30,21:44 Start	D0Y=151 Peak	End times		8 61.10		2	-	277001	
40	7	7.	HaClass=SF Importance=C2	525¥34 0ua]=01	AK50Z/	Mac.=+KC	carr.Lon.	=102deg	H.Ang=41deg
:45	21:42	21:49	CaPeak.c/s=26	Qual= 1	FePeak=21:42	FePeak.c/s=18 Bast=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s X	XEN=815109
:34			Wavelength=1375A	Code≖00	Exp #=67969	Rast=10"x10"	Step=0"	Pitch=+506	", Yaw=-313"
				88/02/3	1 D0Y=152				
# = 8975 /31,00:29	DOY=152	1	SMM Pointing:	S24W37		Pitch=+532", Yaw	, Yaw=-364", Rol	, Roll=-20deg	H.Ang=43deg
art	Peak	E e s	HaClass=SF	\$24W39	AR5027	Mac.≖FKC	Carr.Lon.=106deg	=106deg	H.Ang=44deg
00:11 00:17:30 00:18	00:29 00:19:45 00:25	01:18 00:22:51 01:04	Importance=C6 Peakc/s=90 CaPeak.c/s=222	Qual=01 Qual=01 Qual= 1	Tot Cts=3986 FePeak=00:25	MaxkeV=71 FePeak.c/s=36	#Peaks=1	dt= 3.8s	XEN=815205
00:27			Wavelength=1375A	Code=00	Exp #=67983	Rast=25"x25" Rast=10"x10"	Step=5" Step=0"	Cad=25.6s Pitch=+577"	1.024s/pixel 7",Yaw=-390"
# = 21673 /31,13:22 Start	1	End times							
111	13:22		Importance=C2 CaPeak.c/s=26	Qual=03 Qual≖ 1	FePeak=13:20	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=815200
:33			Wavelength=2788A		Exp #=68032	Rast=0.x0" Rast=180"x1"	Step=0" Step=0"	cad=1.0cs Pitch=+442	s 1.024s/pixel 42", Yaw=-263"
f = 8976 81,14:26 Start	DOY=152	End times	SMM Pointing:	S24W45		Pitch=+563", Yaw=-447"	v=-447", Rol	, Roll=-20deg	H.Ang=49deg
 H .	14.06	ر د اااات م	HaClass=SF	S24W42	AR5027	Mac.=FKC	Carr.Lon.=101deg	=101deg	H.Ang=47deg
4:17:46 4:16	14:25 14:18:35 14:25	14:32 14:20:59 15:01	Importance=c3 Peakc/s=168 CaPeak.c/s=251	Qual=01 Qual=01 Qual= 1	Tot Cts=3724 FePeak=14:23	MaxkeV=71 FePeak.c/s=41	#Peaks=1	dt= 3.8s	XEN=815201
4:05			Wavelength=2788A		Exp #=68033	Kast=25"x25" Rast=180"x1"	Step=5" Step=0"	Cad=25.6s 1 Pitch=+443",	1.024s/plxel ",Yaw=-266"
# = 21674 /31,16:21 Start	D0Y=152 Peak	End times							
6:15	9	6:3	HaClass=SF Importance=Cl	524449 0ua]=01	AR5027	Mac.=FKC	Carr.Lon.=10/deg	=10/deg	H.Ang=53deg
:19	16:20	16:25	CaPeak.c/s=19	Qual= 4	FePeak=16:21	FePeak.c/s=9	#Peaks=1	dt= 7.7s X	XEN=815202
6:41			Wavelength=2788A		Exp #=68036	Rast=180"x1"	Step=0"	Pitch=+450	". Yaw=-278"

5/3 5/3	21675 17:47 art	DOY=152 Peak	imes	HaClass=SF	\$24W46	AR5027	Mac.=FKC	Carr.Lon.=103deg	=103deg	H.Ang=50deg
60ES 17 BCS 17 FCS 18	:31 :41 3:16	17:46	18:09 17:57	Importance=t.c CaPeak.c/s=25 Wavelength=2788A	Qual=01 Qual= 1	FePeak=17:52 Exp #=68038	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+453",	XEN=815203 1.024s/pixel ",Yaw=-287"
Event # = 88/05/31, 25 20 20 BCS 20 FCS 20 UVSP 20	21676 20:48 art :44 :45	DOY=152 Peak 20:48 20:48	End times 21:19 20:56	Importance=C2 CaPeak.c/s=71 Wavelength=2788A	Qual=01 Qual= 1	FePeak=20:48 Exp #=68041	FePeak.c/s=14 Rast=60"x60" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 3.8s Cad=36.9s Pitch=+457"	XEN=815204 1.024s/pixel ", Yaw=-297"
Event # = 8977 88/06/01,00:03	1 1	DOY=153		SMM Pointing:	88/06/01 S24W50	1 boy=153	Pitch=+583", Yaw=-496", Roll=-20deg	/=-496", Rol	1=-20deg	H.Ang=54deg
GOES HXRBS 00 UVSP 23		Peak 00:03:05	End times 00:03:11	Peakc/s=61 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=581 Exp #=68054	MaxkeV=100 Rast=10"x10"	Step=0"	Pitch=+617"	", Yaw=-572"
Event # = 8978 88/06/01,01:26 Start	. 8978 01:26 art	D0Y=153 Peak	End times	SMM Pointing:	S24W51		Pitch=+586", Yaw	, Yaw=-506", Rol	, Roll=-20deg	H.Ang=55deg
Optical GOES 01		01:26	01:43		N28E56 Qual=01		Mac.=ES0	Carr.Lon.=357deg	=357deg	H.Ang=61deg
HXKBS 01 UVSP 01	01:22:23 01:15	01:22:40	7:10	c/s=b1  length=1375A	Qual=01 Code=00	lot Lts=399 Exp #=68060	MaxkeV=/1 Rast=10"x10"	Step=0"	Pitch=+579"	", Yaw=-448"
Event # = 8979 88/06/01,20:10	1	DOY=153	End +imag	SMM Pointing:	S24W62		Pitch=+380", Yaw	, Yaw=-762", Rol	, Roll=Odeg	H.Ang=64deg
Optical Sofes		20.10	20.08	HaClass=SF	\$26W56	AR5027	Mac.=FAI	Carr.Lon.=98deg	=98deg	H.Ang=60deg
HXRBS 20 BCS 20 FCS 20	20:06:46 20:08	20:07:54 20:08	20:08:21 20:12	Peakc/s=67 CaPeak.c/s=26	Qual=01 Qual= 1	Tot Cts=547 FePeak=20:08	MaxkeV=71 FePeak.c/s=9	#Peaks=1	dt= 7.7s X	XEN=815300
	:53 requenc	9:53 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=2788A 410/46	Code=01	Exp #=68118	Rast=180"x1"	Step=0"	Pitch=+260	1. Yaw=-575"
1	0000				88/06/02	2 D0Y=154				
Event # = 8980 88/06/02,09:05 Start		DOY=154 Peak	Fod times	SMM Pointing:	S24W68		Pitch=+381", Yaw	, Yaw=-804", Rol	, Roll=Odeg	H.Ang=70deg
Optical Contical Control		09:05	09:26	HaClass=SF Importance=C7	S27W65 0ual=01	AR5027	Mac.=FAI	Carr.Lon.=100deg	=100deg	H.Ang=68deg
HXRBS 08 BCS 08 FCS	:56:03 :58	08:58:59 09:05	09:09:30 09:30	Peakc/s=168 CaPeak.c/s=438		Tot Cts=17367 FePeak=09:05	MaxkeV=71 FePeak.c/s=148 Rast=180"x180" Bast=10"<10"	#Peaks=1 Step=20"	dt= 3.8s ) Cad=41.5s (	XEN=815400 0.512s/pixel
5	10:					EAP #-001/2	NGS L-10 A10		r i cell-1303	, I QW / / /

	1				
XEN=815401 4.096s/pixe1 ", Yaw=-634"	H.Ang=71deg XEN=815403 1.024s/pixe1	XEN=815402 4.096s/pixe1 ",Yaw=-653"	H.Ang=75deg XEN=815500 1.024s/pixel	H.Ang=79deg H.Ang=23deg XEN=815501 1.024s/pixe1 ", Yaw=-837"	H.Ang=79deg H.Ang=79deg XEN-815502 1.024s/pixel ",Yaw=-837"
dt= 3.8s X Cad=4.10s 4 Pitch=+261",	.=100deg dt= 3.8s Cad=1.02s Pitch=+262'	dt= 3.8s X Cad=4.10s 4 Pitch=+262",	.=99deg dt= 3.8s Cad=25.6s Pitch=+262'	.7s .02s =+390	1=0deg =100deg dt= 3.8s Cad=1.02s Pitch=+400
#Peaks=1 Step=0" Step=0"	Carr.Lon.=100deg #Peaks=1 dt= 3. Step=0" Cad=1. Step=0" Pitch=	#Peaks=1 Step=0" Step=0"	Carr.Lon.=99deg #Peaks=1 dt= 3 Step=5" Cad=2 Step=0" Pitch	,Yaw=-846",Roll=0deg Carr.Lon.=29deg 7 #Peaks=1 dt= 7 Step=0" Cad=1 65" Step=5" Pitch	,Yaw=-846",Roll=0deg Carr.Lon.=100deg 37 #Peaks=1 dt=3. Step=0" Cad=1. Step=0" Pitch=
FePeak.c/s=14 Rast=0"x0" Rast=180"x1"	Mac.=FAI FePeak.c/s=17 Rast=0"x0" Rast=180"x1"	FePeak.c/s=14 Rast=0"x0" Rast=180"x1"	Mac.=DKO FePeak.c/s=22 Rast=25"x25" Rast=180"x1"	Pitch=+383", Yaw Mac.=DKO MaxkeV=71 FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	Pitch=+383", Yamac.=DK0 MaxkeV=71 FePeak.c/s=37 Rast=0"x0" Rast=10"x10"
FePeak=13:46 Exp #=68181	AR5027 FePeak=18:09 Exp #=68187	FePeak=22:41 Exp #=68192	FePe Exp	AR5027 Tot Cts=376 FePeak=05:35 Exp #=68203	AR5027 Tot Cts=1555 FePeak=08:41 Exp #=68219
Qual=03 Qual= 1	\$23\70 Qual=01 Qual= 1	Qual=04 Qual= 1 Code=01	NOO U	\$24W78 \$23W05 Qual=01 Qual=1 Qual= 4 Code=00	\$24W78 \$27W78 Qual=03 Qual=01 Qual= 1 Code=02
Importance=C2 CaPeak.c/s=56 Wavelength=2788A	HaClass=SF Importance=C3 CaPeak.c/s=110 Wavelength=2788A	Importance=C2 CaPeak.c/s=65 Wavelength=2788A	HaClass=SF Importance=C2 CaPeak.c/s=97 Wavelength=2788A	SMM Pointing: HaClass=SF Importance=C1 Peakc/s=63 CaPeak.c/s=22 Wavelength=1375A	SMM Pointing: HaClass=SF Importance=C3 Peakc/s=76 CaPeak.c/s=178 Wavelength=1375A
End times 14:20 14:05	End times 18:51 18:54	End times 23:31 23:26	End times 01:14 01:09	End times 05:47 05:30:58 05:37	End times 09:35 08:37:20 09:01
DOY=154 Peak 13:49 13:48	DOY=154 Peak 18:21 18:13	DOY=154 Peak 22:45 22:46	DOY=155 Peak 01:05 01:04	DOY=155 Peak 05:35 05:34 05:34	D0Y=155 Peak 08:46 08:35:50 08:42
Event # = 21677 88/06/02,13:49 Start GOES 13:39 BCS 13:41 FCS 14:09	Event # = 21678 88/06/02,18:21 Start Optical GOES 17:47 BCS 18:03 FCS	nt # = 21679 06/02,22:45 Start S 22:30 22:39 P 22:33	Event # = 21680 88/06/03,01:05 Start Optical GOES 00:59 BCS 01:01 FCS 01:01	Event # = 8982 88/06/03,05:35 Start Optical GOES 05:29 HXRBS 05:29:57 BCS 05:32 FCS	Event # = 8981 88/06/03,08:46 Start Optical GOES 08:30 HXRBS 08:34:03 ECS 08:35 FCS 08:35

Event # 88/06/0	Event # = 9026 88/06/03.12:51	D0Y=155		SMM Pointing:	S24W81		Pitch=+383", Yaw	, Yaw=-856", Roll	, Roll=Odeg	H.Ang=82deg
•	Start	Peak		HaClass=SF	N21E17	AR5031	Mac.=EHO	Carr.Lon.=3deg		H.Ang=27deg
GÒES HXRBS UVSP Radio	12:45 12:45:23 12:49 Frequenc	12:51 12:45:55 :y(MHz)/F	12:45 12:51 13:00 12:45:23 12:45:55 12:46:21 12:49 Frequency(MHz)/Flux(sfu):	Importance=C1 Peakc/s=1220 Wavelength=1375A 2695/120 4995/44	Qual=04 Qual=01 Code=00 8800/41	Tot Cts=12800 Exp #=68237	MaxkeV=191 Rast=10"x10"	Flags=I Step=O"	Pitch=+406",Yaw=-841	, Үам=-841"
Event # = 88/06/03, St GOES 18 BCS 18 FCS UVSP 17	21681 3,18:08 Start 18:01 18:04 17:31	DOY=155 Peak 18:08 18:08	End times 18:12 18:11	Importance=C1 CaPeak.c/s=34 Wavelength=2788A	Qual=01 Qual= 1 Code=00	FePeak=18:04 Exp #=68260	FePeak.c/s=14 Rast=115"x115" Rast=243"x243"	*Peaks=1 Step=5" Step=3"	dt= 7.7s Cad=1083s Pitch=+392"	dt= 7.7s XEN=815503 Cad=1083s 2.048s/prxel Pitch=+392",Yaw=-851"
Event # = 88/06/03, St GOES 18 BCS 18 FCS UVSP 17	13,18:14 Start Start 18:12 18:12 18:14	DOY=155 Peak 18:14 18:14	End times 18:20 18:16	Importance=Cl CaPeak.c/s=22 Wavelength=2788A	Qual=01 Qual= 1 Code=00	FePeak=18:14 Exp #=68260	FePeak.c/s=8 Rast=115"x115" Rast=243"x243"	#Peaks=1 Step=5" Step=3"	dt= 7.7s X Cad=1083s 2 Pitch=+392",	XEN=815504 2.048s/pixel ", Yaw=-851"
Event # = 88/06/03, St Optical GOES 19 FCS 19 FCS UVSP 19	f = 21683 33,19:27 Start 19:20 19:21 19:56	00Y=155 Peak 19:27 19:27	End times 19:40 19:33	HaClass=SN Importance=C3 CaPeak.c/s=90 Wavelength=2788A	\$24W76 Qua1=01 Qua1= 1	AR5027 FePeak=19:26 Exp #=68262	Mac.=DKO FePeak.c/s=20 Rast=0"x0" Rast=180"x1"	Carr.Lon.=92deg #Peaks=2 dt= 3 Step=0" Cad=1 Step=0" Pitch	.8s .02s =+264	H.Ang=77deg XEN=815505 1.024s/pixel ', Yaw=-679"
Event # 88/06/C GOES BCS FCS UVSP	nt # = 21684 06/03,22:59 Start S 22:54 22:59 P 23:04	DOY=155 Peak 22:59 22:59	End times 23:09 23:02	Importance=C1 CaPeak.c/s=18 Wavelength=2788A	Qual=03 Qual= 4 Code=02	FePe	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+264",	XEN=815506 1.024s/pixe1 ", Yaw=-679"
Event # 88/06/0	# = 9030 /04,00:30 Start 00:25 00:27:46 00:37	DOY=156 Peak Enc 00:30 00 00:27:57 00	1 times 42:28:21	Importance=C2 Peakc/s=73 Wavelength=2786 Peakc/s=68	88/06/04 Qual=01 Qual=01 3A Code=02 Associated Qual=01	4 D0Y=156  Tot Cts=192 Exp #=68268 Event # = 9031 Tot Cts=331	MaxkeV=71 Rast=180"x1" MaxkeV=71	Flags=I Step=0" Flags=I	Pitch=+264"	, Уам=-679"

XEN=815600 1.024s/pixel ', Yaw=-679"	Pitch=+264", Yaw=-679"	XEN=815601 1.024s/pixel ",Yaw=-876"	XEN=815603 1.024s/pixel ',Yaw=-858"	", Yaw=-858" XEN=815602 35.84s/pixe1	XEN=815604 4.096s/pixel ',Yaw=-851"	H.Ang=84deg ,Yaw=-856"
dt= 3.8s X Cad=1.02s 1 Pitch=+264",	Pitch=+264'	dt= 7.7s Cad=1.02s Pitch=+347	5 <del>1</del> 3	Pitch=+389", dt= 7.7s X Cad=35.8s 3 Pitch=+392".	dt= 7.7s Cad=4.10s Pitch=+392"	]=0deg H.Ang=84de Pitch=+392",Yaw=-856"
#Peaks=1 Step=0" Step=0"	Flags=I Step=0"	#Peaks=1 Step=0" Step=0"	Flags=En#Peaks=1 #Peaks=1 Step=0" Step=5"	Step=5" #Peaks=2 Step=0" Step=5"	#Peaks=1 Step=0" Step=5"	/=-860", Rol
FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	MaxkeV=71 Rast=180"x1"	MaxkeV=71 FePeak.c/s=8 Rast=0"x0" Rast=10"x10"	MaxkeV=100 FePeak.c/s=348 Rast=0"x0" Rast=130"x130"	MaxkeV=71 Rast=130"x130" FePeak.c/s=294 Rast=0"x0" Rast=265"x265"	FePeak.c/s=8 Rast=0"x0" Rast=265"x265"	Pitch=+386", Yaw=-860", Roll=0deg MaxkeV=71 Rast=10"x10" Step=0" Pitch
FePeak=01:59 Exp #=68270	Tot Cts=128 Exp #=68271	Tot Cts=703 FePeak=05:05 Exp #=68278	Tot Cts=43397 FePeak=07:46 Exp #=68290		Event # = 21687 FePeak=08:31 Exp #=68295	Tot Cts=564 Exp #=68313
Qua1=03 Qua1= 1	Qual=01 Qual=01 Code=00	Qual=01 Qual=01 Qual= 1 Code=00	Qual=03 Qual=03 Qual= 5 Code=02	Qual=01 Sociated Qual= 1	Associated Qual= 5 5A	\$24W84 Qual=00 Qual=01
Importance=C2 CaPeak.c/s=45 Wavelength=2788A	Importance=C2 Peakc/s=68 Wavelength=2788A	Importance=C2 Peakc/s=86 CaPeak.c/s=24 Wavelength=1375A	Importance=M4 Peakc/s=243 CaPeak.c/s=1832 Wavelength=1375A	Peakc/s=95 %3 Wavelength=1375A	CaPeak.c/s=80 Wavelength=1375A	SMM Pointing: Peakc/s=71 Wavelength=1375A
End times 02:46 02:15	End times 03:08 02:54:58	nd times 5:09 5:04:06 5:07	mes 55	36	08:32	End times 12:30:42
DOY=156 Peak 01:58 01:59	D0Y=156 Peak 02:55 02:54:50	DOY=156 Peak 05:05 05:03:40 05:05	DOY=156 Peak 07:45 06:44:52 07:46 Type/Ir	ŏ ,ŏŏ	08:31	D0Y=156 Peak 12:30:22
Event # = 21685 88/06/04,01:58 Start GOES 01:46 BCS 01:47 FCS 01:47	vent # = 9032 8/06/04,02:55 Start 0ES 02:52 XRBS 02:54:40 VSP 02:45	Event # = 8983 88/06/04,05:05 Start GOES 05:02 HXRBS 05:03:27 BCS 05:05 FCS 05:06 UVSP 05:00	# = 8985 04,07:45 Start 06:14 06:41:2 07:46 07:46 Sweeps	06:14:42 06:08 06:14 06:14	08:31	went # = 8986 8/06/04,12:30 Start DES XRBS 12:29:53 VSP 12:21
Event 88/06/ GOES BCS FCS UVSP	Event 88/06/ GOES HXRBS UVSP	Event 88/06/ 60ES HXRBS BCS FCS UVSP Radio	Event 88/06/ 60ES HXXBS BCS FCS UVSP Radio	ω <sub>1</sub> ο	BCS FCS UVSP	Event 88/06/ GOES HXRBS UVSP

Event 88/06/	# = 8987 04, 12:43		4 to 2	SMM Pointing:	S24W84		Pitch=+386", Yaw=-860"	=-860", Rol	, Roll=Odeg	H.Ang=84deg
GOES HXRBS UVSP	GOES 12:37 HXRBS 12:37:41 UVSP 12:35	reak 12:43 12:38:15	13:09 12:38:58	Importance=C2 Peakc/s=70 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=472 Exp #=68315	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+367",	', Yaw=-871"
Event 88/06/	# = 8990 04, 15:43			SMM Pointing:	S24W84		Pitch=+386", Yaw=-860", Roll=Odeg	860", Rol	1=0deg	H. Ang=84deg
GOES HXRBS UVSP	Start GOES 15:38 HXRBS 15:42:21 UVSP 15:42	Feak 15:43 15:42:29	End times 15:47 15:42:38	Importance=Cl Peakc/s=68 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=147 Exp #=68324	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=+392"	Pitch=+392",Yaw≖-851"
Event 88/06/	# = 8988 $04, 15:53$			SMM Pointing:	S24W84		Pitch=+386", Yaw=-860", Roll=Odeg	=-860", Rol	]=0deg	H.Ang=84deg
GOES HXRBS BCS BCS	Start 60ES 15:48 HXRBS 15:51:07 BCS 15:51	Peak 15:53 15:51:21 15:52	End times 16:00 15:51:36 15:57	Importance=C4 Peakc/s=143 CaPeak.c/s=200	Qual=01 Qual=01 Qual= 1	Tot Cts=1076 FePeak=15:52	MaxkeV=130 FePeak.c/s=53	*Peaks=1	dt= 3.8s	XEN=815605
UVSP Radio	15:47 Sweeps	Type/Intens	ntensity:	Wavelength=1375A V/3	Code=00	Exp #=68325	kast=0.x0 Rast=10"x10"		_	1.024s/pixei ',Yaw=-858"
Event 88/06/	Event # = 8991 88/06/04,17:39	D0Y=156	1	SMM Pointing:	S24W84		Pitch=+386", Yaw=-860", Roll=Odeg	=-860", Rol	1=0deg	H.Ang=84deg
Optica	Start 1		Eriu Cillies	HaClass=SF	\$20E40		Mac.=DSO	Carr.Lon.=324deg	=324deg	H.Ang=44deg
HXRBS BCS BCS	17:34 17:34:01 17:37	17:35:06 17:35:06 17:38	17:41 17:35:22 17:42	Importance=uz Peakc/s=66 CaPeak.c/s=47	Qual=01 Qual=01 Qual= 1	Tot Cts=591 FePeak=17:37	MaxkeV=71 FePeak.c/s=12	_	dt= 3.8s	XEN=815606
SSS SSS	17:37			Wavelength=1375A	Code=00	Exp #=68335	Kast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.0Zs 1 Pitch=+379",	1.024s/p1xel ",Yaw=-868"
Event 88/06/ Optica	Event # = 8992 88/06/04,19:25 Start Optical	DOY=156 Peak	End times		N17E03	AR5032	Mac.=EAI	Carr.Lon.=Odeg	=0dea	H.Ang=17deg
GOES HXRBS BCS BCS	19:20 19:21:13 18:33	19:25 19:21:16 19:24	20:21 19:21:24 19:30	Importance=C4 Peakc/s=76 CaPeak.c/s=95	Qua]=03 Qua]=01 Qua]= 1	Tot Cts=169 FePeak=19:23	MaxkeV=130 FePeak.c/s=16	N N	3.8s	XEN=815607
SS M	19:25			Wavelength=1375A	Code=02	Exp #=68344	kast=U.xU. Rast=265"x265"	Step=0.	Ā.	4.095/pixei ",Yaw=-851"
Event 88/06/ GOES HXRBS	Event # = 8989 88/06/04,20:24 805 Start 60ES 20:21 HXRBS 20:22:39	D0Y=156 Peak 20:24	End times 20:29 20:22:59	Importance=Cl PeakC/s=100	Qual=01 Qual=01 Code=00	Tot Cts=362	MaxkeV=71	(+en=-)	Di+ch=+370"	Di+ch=+270" Yawa . 862"
5	50:11			VC /CT III filo loane	20,200	מלכם " אלין	014 01 - 1504	2		200

				50/90/88	5 D0Y=157				
Event # = 8993 88/06/05,02:56 DOY=157 Start Peak End ti GOES 02:47 02:56 03:40 HXRBS 02:51:31 02:51:37 02:52: UVSP 03:16 Radio Sweeps Type/Intensit Radio Frequency(MHz)/Flux(sfu	DOY=157 Peak 02:56 . 02:51:37 Type/1	mes 07 3:	Importance=C3 Peakc/s=74 Wavelength=2788A 111/3 245/95	Qua1=03 Qua1=01	Tot Cts=412 Exp #=68360	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+264",Yaw=-679"	, Yaw=-679"
Event # = 8994 88/06/05,14:09 Start GOES 14:05 HXRBS 14:04:54 UVSP 14:15	D0Y=157 Peak 14:09 14:05:33	End times 14:13 14:06:04	SMM Pointing: Importance=B7 Peakc/s=137 Wavelength=2788A	N19W08 Qual=01 Qual=01 Code=02	Tot Cts=1291 Exp #=68370	Pitch=-311", Yaw MaxkeV=100 Rast=180"x1"	,Yaw=-130",Roll=Odeg	l=0deg H.Ang=21d Pitch=-177", Yaw=-208	H.Ang=21deg ',Yaw=-208"
Event # = 8995 88/06/05,17:01 Start GOES 16:57 HXRBS 16:58:30 UVSP 17:23	DOY=157 Peak 17:01 16:58:5	End times 17:06 1 16:59:08	SMM Pointing: Importance=B8 Peakc/s=75 Wavelength=2788A	N19W10 Qual=01 Qual=01	Tot Cts=395 Exp #=68374	Pitch=-309", Yaw MaxkeV=100 Rast=180"x1"	,Yaw=-158",Roll=Odeg " Step=O" Pitch	]=Odeg H.Ang=21de	H.Ang=21deg
Event # = 21688 88/06/05,17:53 88/06/05,17:53 0ptical GOES 17:37 BCS 18:04 FCS 17:56	3 DOY=157 Peak 17:53 18:04	End times 18:14 18:12	HaClass=1F Importance=C2 CaPeak.c/s=26 Wavelength=2788A	N15W05 Qual=05 Qual= 5 Code=02	AR5037 FePeak=18:04 Exp #=68375	Mac.=CS0 FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	Carr.Lon.=356deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	7s 02s -175'	H.Ang=16deg XEN=815700 1.024s/pixel ",Yaw=-240"
Event # = 21689 88/06/05,19:52 Start Optical GOES 19:50 BCS 19:51 FCS 19:31	) D0Y=157 Peak 19:52 19:51	End times 19:54 19:53	HaClass=SF Importance=C1 CaPeak.c/s=25 Wavelength=2788A	\$24W21 Qual=01 Qual= 1 Code=01	AR5038 FePeak=19:51 Exp #=68377	Mac.=CSO FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	Carr.Lon.=11deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=0" Pitch	.7s .02s =-175	H.Ang=31deg XEN=815701 1.024s/pixel ",Yaw=-253"
Event # = 8996 88/06/05,20:10 Start Optical GOES 20:00 HXRBS 20:05:10 BCS 20:01 FCS 19:31	DOY=157 Peak 20:10 20:05:40 20:10	End times 20:18 20:18:13 20:29	SMM Pointing: HaClass=1N Importance=C9 Peakc/s=174 CaPeak.c/s=427 Wavelength=2788A	N19W12 N18W11 Qual=01 Qual=01 Qual= 1	AR5032 Tot Cts=8076 FePeak=20:09 Exp #=68377	Pitch=-309", Yaw Mac.=EAI Maxkev=71 FePeak.c/s=75 Rast=0"x0" Rast=180"x1"	,Yaw=-184",Roll=Odeg Carr.Lon.=1deg 75 #Peaks=1 dt= 3 Step=0" Cad=3 " Step=0" Pitch	.8s 5.8s =-175	H.Ang=22deg H.Ang=21deg XEN=815702 35.84s/pixel ", Yaw=-253"

					90/90/88	6 D0Y=158				
Event # 88/06/0	Event # = 8997 88/06/06,01:11	DOY=158		SMM Pointing:	N19W15		Pitch=-305", Yaw=-225", Roll=Odeg	aw=-225",Rol	1=0deg	H.Ang=24deg
GOES HXRBS UVSP	_	Peak Enu time 01:11:32 01:11:55	End times 01:11:55	Peakc/s=65 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=263 Exp #=68382	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch≖-175"	Pitch=-175",Yaw=-301"
Event # 88/06/0	<u>∞</u> ν	DOY=158	+ + + + + + + + + + + + + + + + + + +	SMM Pointing:	N19W15		Pitch=-309", Yaw=-235", Roll=Odeg	aw=-235", Rol	]=0deg	H.Ang=24deg
GOES HXRBS UVSP	Start 02:13 02:14:19 01:46	75ak 02:15 02:14:30	2:20 2:20 2:14:41	Importance=B8 Peakc/s=80 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=118 Exp #=68383	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch≖-175",Yaw≖-305"	', Yaw=-305"
Event # 88/06/0	Event # = 21690 88/06/05:02 Start	DOY=158 Peak	End times							-
Optical	01.40	20.	9	HaClass=1F	N1/W18	AR5032		Carr.Lon.=3deg	=3deg	H.Ang=25deg
BCS	04:52 05:06	02:06 05:06	05:19 05:17	Importance=uz CaPeak.c/s=45	Qual= 5	FePeak=05:06	FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=815800
UVSP	04:20			Wavelength=2788A		Exp #=68386	Rast=180"x1"	Step=0"	Pitch=-175	1.0275/pine!
					0/90/88	7 D0Y=159				
Event # 88/06/0		_	4 19 19	SMM Pointing:	N19W27		Pitch=-307", Yaw=-404", Roll=0deg	aw=-404", Ro]	1=0deg	H.Ang=32deg
GOES HXRBS* UVSP	05:09 05:11:04 05:25	reak 05:12 05:11:23	End times 05:16 05:11:32	Importance=B7 Peakc/s=130 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=406 Exp #=68417	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=-172'	Pitch=-172",Yaw=-225"
Event # 88/06/0	Event # = 9000 88/06/07,06:18	DOY=159	4	SMM Pointing:	N19W28		Pitch=-307", Yaw=-416", Roll=Odeg	aw≖-416",Ro]	1=0deg	H.Ang=33deg
Optical Optical		ea X		HaClass=SF	N27W22 S21E51	AR5031 AR5036	Mac.=FHO	Carr.Lon.=353deg Carr.Lon.=280deg	.=353deg .=280deg	H.Ang=34deg H.Ang=54deg
GOES HXRBS* BCS	06:12:11 06:13:	06:18 06:12:34 06:13	76:53 76:15:35 76:21	<pre>Importance=U3 Peakc/s=154 CaPeak.c/s=30</pre>	Qual=01 Qual=01 Qual= 5	Tot Cts=4528 FePeak=06:13	MaxkeV=79 FePeak.c/s=8		dt= 7.7s	XEN=815900
UVSP	_	) ( -   <b>M</b> )	1 (e.f) .	Wavelength=2788A		Exp #=68418	Rast=180"x1"	Step=0"	Pitch=-172",	1.0245/pixel ", Yaw=-238"
Kadlo HXRBS*	06:16:13	requency(mHz)/rlux(sTu): 	Kadlo rrequency(mhz)/riux(siu): 		Associated Qual=01	Event # = 9001 Tot Cts=840		1 1 1 1	1 1 1	

																		1	[
H.Ang=37deg	H.Ang=37deg H.Ang=55deg H.Ang=33deg H.Ang=49deg	XEN=815901	1.U24s/p1xel ",Yaw=-295"		H.Ang=Odeg	", Yaw=+13"	H.Ang=43deg	H.Ang≕56deg	XEN=816000	1.024s/pixel ",Yaw=-615"		H.Ang=35deg	XEN=816001	4.0965/plxel ,Yaw=+471"		H.Ang=33deg	, Yaw=+419"	H.Ang=30deg	, Yaw=+385"
, Roll=Odeg	=352deg =273deg =356deg		cad=1.02s Pitch=-172		50deg	Pitch=+952"	, Roll=-20deg	=6deg	dt= 7.7s			=276deg		=		, Roll=-20deg	S,GB Pitch=+0",	1=-20deg	Pitch=+13"
, Yaw=-474", Ro]	Carr.Lon.=352deg Carr.Lon.=273deg Carr.Lon.=356deg Carr.Lon.=10deg	#Peaks=1	Step=0"		+0",Roll=-20deg	Step=3"	, Yaw=-620", Rol	Carr.Lon.=6deg	#Peaks=1	Step=10" Step=5"		Carr.Lon.	#Peaks=1	Step=0"		aw≖+495",Rol	Flags=NS, Step=0"	aw=+461",Roll:	Flags=NS Step=0"
Pitch=-307", Ya	Mac.≖FHO	MaxkeV=71 FePeak.c/s=11	Rast=180"x1"		Pitch=+6", Yaw=+0",	MaxkeV=71 Rast=243"x243"	Pitch=-196", Ya	Mac.=CA0	MaxkeV=100 FePeak.c/s=10	Kast=240"x240" Rast=265"x265"		Mac.=EAI	FePeak.c/s=11	Rast=180"x1"		Pitch=+119",Ya	MaxkeV=265 Rast=180"x1"	Pitch=+131", Yav	MaxkeV=43 Rast=180"x1"
	AR5031 AR5036 AR5037 AR5038	Tot Cts=558 FePeak=14:20	Exp #=68432	8 DOY=160		Tot Cts=1648 Exp #=68486		AR5032	Tot Cts=1657 FePeak=16:36	Exp #=68511		AR5036	FePeak=22:51	Exp #=68528	9 D0Y=161		Tot Cts=639 Exp #=68538		Tot Cts=146 Exp #=68542
N19W32	N28W26 S17E53 N15W30 S25W44	Qual=01 Qual=01 Qual= 1		88/90/88	NOOMOO	Qual=01 Qual=01 Code=00	N25W37	N20W54	Qua}=01 Qual= 5	Code=02		N16E32 Oual=05	Qual= 5	Code=00	60/90/88	\$17E28	Qual=01	S17E25	Qual=01
SMM Pointing:	HaClass=SF HaClass=SF HaClass=SF HaClass=SF	importance=c2 Peakc/s=59 CaPeak.c/s=29	Wavelength=2788A		SMM Pointing:	Importance=Cl Peakc/s=110 Wavelength=2788A	SMM Pointing:	HaClass=SF	Importance=c2 Peakc/s=170 CaPeak.c/s=37	Wavelength=1375A 410/92		HaClass=SN	CaPeak.c/s=47	Wavelength=2788A		SMM Pointing:	Peakc/s#125 Wavelength=2788A	SMM Pointing:	Peakc/s=88 Wavelength=2788A
End times	5	14:26:59 14:46 14:46			 	11:16 11:05:19		ר ווופי	16:36:01 16:42 16:42	lux(sfu):	End times	3:20	22:59				06:01:09	+ -	10:17:46
D0Y=159 Peak		14:26:21 14:27			DOY=160	11:09 11:04:48	00Y=160	~ ~	16:35:35 16:36 16:36	16:37 Frequency(MHz)/Flux(sfu)	DOY=160 Peak	_	22:53			DOY=161		DOY=161	10:17:30
# = 9002 07,14:30 Start	-	14:25:27 14:20	14:50	- 0003 *	7 - 9003 08,11:09 Start	GOES 11:03:54 HXRBS 11:03:54 UVSP 10:59	Event # = 9004 88/06/08,16:35	אנה.     אניפון	16:34:51 16:36 16:36	16:37 Frequenc	it # = 21691 16/08,22:48 Start	1 22:42	22:51	22:45	1000		06:00:04 06:00	# = 9006 09,10:17	
Event # = 88/06/07, St	Optical Optical Optical	HXRBS PCS PCS	UVSP	L'on+	88/06/	GOES HXRBS UVSP	Event 88/06/	Optica	HXRBS BCS BCS BCS	UVSP Radio	Event 88/06/	Optica GOES	SS	UVSP		Event #	HXRBS* UVSP	Event # = 88/06/09,	HXRBS* UVSP

Start	100 DUT=101		SMM Pointing:	S17E22		Pitch=+146",Ya	, Yaw=+415", Rol	, Roll=-20deg	H.Ang≖28deg
ptical		ביות רווופי	HaClass=1F	N18W62	AR5032	Mac.=CAO	Carr.Lon.=Odeg	=0deg	H.Ang=63deg
GOES 16:49 1 HXRBS 16:51:34 1 UVSP 16:58 Radio Frequency	b:49 1/:Ub 1/:23 6:51:34 16:53:06 16:53:4 6:58 Frequency(MHz)/Flux(sfu)	٠. ٠	Importance=U9 Peakc/s=109 Wavelength=2788A 410/110 606/67	Qual=02 Qual=01 Code=00	Tot Cts=1710 Exp #=68550	MaxkeV=71 Rast=180"x1"	Flags=I Step=O"	Pitch=+32"	, Үаw=+336"
			1000	88/06/10	0 D0Y=162				
Event # = 21692 88/06/10,00:04 Start	1692 :04 DOY=162 : Peak	End times	.	91.31.3		7 C		0000	20 P.C.C 20 A. D.
)ptica  :0ES 23:55		00:58	HaClass=sF Importance=89	Sibelb Qual=01	AK5U36	Mac.=EAI	carr.Lon.=2/8deg	=z/8deg	H.Ang=23deg
BCS 00:01	00:05	60:00	CaPeak.c/s=24	Qual= 4	FePeak=00:01	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s Cad=1.02s	XEN=816200
UVSP 00:02 Radio Sweeps		Type/Intensity:	Wavelength=1375A III/1	Code=00	Exp #=68566	Rast=10"x10"	Step=0"	Pitch=+162	", Yaw=+352"
Event # = 9007 88/06/10,09:58	007 :58 DOY=162	the times	SMM Pointing:	S17E12		Pitch=+200", Ya	, Yaw=+278", Roll=-20deg	1=-20deg	H.Ang=21deg
GOES HXRBS 09:57:36 ( UVSP 10:12			Peakc/s=66 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=376 Exp #=68582	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+81",Yaw=+201	, Yaw=+201"
				88/06/11	1 DOY=163				
Event # = 21693 88/06/11,01:21 Start	1693 :21 D0Y=163 : Peak	End times		•					
ptical OFS 01-18				S16E04	AR5036	Mac.=EAI	Carr.Lon.=276deg	=276deg	H.Ang=17deg
BCS 01:18	01:20	01:24	Capeak.c/s=34	Qual= 4	FePeak=01:19	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=816300
VSP 00:54			Wavelength=2788A		Exp #=68626	Rast=180"x1"	Step=0"		", Yaw=+185"
Event # = 9008 88/06/11,07:56	008 56 DOY=163		SMM Pointing:	S17E01		Pitch=+264", Yaw=+105"	w=+105", Rol	, Roll=-20deg	H.Ang=17deg
ptical			HaClass=SF	N13E40	AR5041	Mac.≖CS0	Carr.Lon.=237deg	=237deg	H.Ang=42deg
UVSP 08:09	3:17 07:53:23 3	3 07:54:36	importance=b9 Peakc/s=100 Wavelength=2788A	Qual=01	Tot Cts=451 Exp #=68635	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=+146",	", Yaw=+283"
Event # = 9009 88/06/12.10:28	009 228 DOY=164		SMM Pointing:	88/06/12 S17W14	2 D0Y=164	Pitch=+344". Ya	. Yaw=-109". Rol	.Roll=-20dea	H.Ana=22dea
Stari ptical		End times	HaClass=SF	\$25¥62	AR5034	Mac.=CS0	Carr.Lon.=324deg	_ =324deg	H.Ang=65deg
HXRBS* 10:22: UVSP 10:47	2:43 10:23:46 7:43 10:23:46	10:3/ 6 10:24:09	ımportance=∟ı Peakc/s=96 Wavelength=2788A		Tot Cts=872 Exp #=68686	MaxkeV=61 Rast=180"x1"	Flags=I Step=0"	Pitch=+226",Yaw=+69"	", Yaw=+69"

					88/06/15	5 DOY=167				of the state of th	
Event # = 9010 88/06/15.22:45		D0Y=167		SMM Pointing:	S19E67		Pitch=+14", Yaw=	, Yaw=+881", Rol]=-20deq	=-20deq	H.Ang=69deg	
		Peak	End times	;		1			,		
rg ,	22:22	22:45	22:58		S1/E61 Qua]=04	AR504/	Mac.=HSX	Carr.Lon.=155deg	=155deg	H.Ang≕63deg	
HXRBS BCS 155	22:32:30 22:32	22:33:01 22:42	22:44:31 23:24	c/s=81 ak.c/s=511	Qual=01 Qual= 1	lot Cts=5626 FePeak=22:40	MaxkeV=/1 FePeak.c/s=106 D=c+=2E"<2E"	#Peaks=1	dt= 3.8s	XEN=816700	
	22:37	1.75	***	ج ع ۲	Code=00	Exp #=68881	Rast=243"x243"	Step=3"	pitch=+21"	', Yaw=+893"	
0.0	Sweeps Jype/Incensicy Frequency(MHz)/Flux(sfu)	.y (MHz)/F	lux(sfu):	4995/87 8800/89 15400/59	5400/59						
					88/06/16	6 D0Y=168					
Event # 88/06/1	Event # = 9011 88/06/16,12:41	D0Y=168	1	SMM Pointing:	NOTWOO		Pitch=+0", Yaw=+3"	3", Roll=-20deg	gapo	H.Ang≖Odeg	
Optical	otart 12.26	reak 10.41	12.4E	.Class=SF	N12W32	AR5041	Mac.=DAO	Carr.Lon.=240deg	=240deg	H.Ang=34deg	
GUES HXRBS* UVSP	12:38:51 12:38:51 12:34	12:39:26	12:40:16	importance=ti Peakc/s=156 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=2236 Exp #=68898	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=-1",	', Yaw=+5"	
Event # 88/06/1	Event # = 9012 88/06/16,13:35	D0Y=168	, T	SMM Pointing:	NOTWOO		Pitch=+0", Yaw=+3", Roll=-20deg	3", Roll=-2(	)deg	H.Ang=Odeg	
Optical	start 13.24	ו היינו	ר ווועט ני ווועט		N39E58	AR5048	Mac.=HSX	Carr.Lon.=150deg	*150deg	H.Ang=65deg	
GOES HXRBS* UVSP	13:25:14 13:31 13:31	13:28:47	13:36:20	Importance=cz Peakc/s=113 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=7325 Exp #=68899	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=-1",	, Yaw=+5"	
					1/90/88	7 D0Y=169					
Event # 88/06/1	vent # = 9013 8/06/17,04:04	DOY=169		SMM Pointing:	S15E51		Pitch=+8", Yaw=+752"	.752", Roll=-20deg	-20deg	H.Ang=53deg	
Optical		7 eax	S E		S18E43	AR5047	Mac.=DHO	Carr.Lon.=157deg	=157deg	H.Ang=47deg	
HXRBS*	03:41:10 04:20	04:04 03:42:16 04:21	03:42:40 03:42:40 05:06	importance=co Peakc/s=609 CaPeak.c/s=166	Qual=01 Qual=01 Qual= 4	Tot Cts=15282 FePeak=04:20	MaxkeV=115 FePeak.c/s=13	#Peaks=1	dt= 3.85	XEN=816900	
WSP.	04:13	ŀ	•	elength=2788A	Code=02	Exp #=68941	kast=240"x240" Rast=180"x1"	Step=15	Pitch=-110",	u.5125/ptxel ",Yaw=+676"	
Radio Radio	Sweeps Iype/Intensity Frequency(MHz)/Flux(sfu)	lype/1 cy(MHz)/F	ntensity: lux(sfu):	245/140 606/160 1415/110		2695/91 8800/50	15400/20				
Event # 88/06/1	Event # = 21695 88/06/17,23:03 Start	D0Y=169 Peak	End times								
GOES BCS	22:56 23:08	23:03 23:08	23:22 23:12	Importance=C3 CaPeak.c/s=40	Qual=05 Qual= 5	FePeak=23:08	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=816901	
UVSP	23:10			Wavelength=1375A Code=02	Code=02	Exp #=68985	Rast=265"x265"	Step=5"	Pitch=+61"	', Yaw=+650"	
				**************************************							

		88/06/18	8 DOY=170				
170	SMM Pointing:	S15E36		Pitch=+69",Yaw=	, Yaw=+597", Roll=-20deg	H.Ang=39deg	
Start Peak End	E S	\$18E32	AR5047	Mac.=DHO	Carr.Lon.=153deg	H.Ang=37deg	
GOES 05:01 05:11 05:22 HXRBS 06:02:48 06:03:45 06:04: BCS 06:04 06:06 06:15	<pre>importance=t4 :48 Peakc/s=111 CaPeak.c/s=150</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=2660 FePeak=06:05	MaxkeV=71 FePeak.c/s=50	Flags=M5 #Peaks=2 dt= 3.8s Sten=10" Cad=36 0s		<del>-</del> -
UVSP 06:16		A Code=02	Exp #=68999	Rast=180"x1"		-49", Yaw=+521"	-
Sweeps Iype/Intensi Frequency(MHz)/Flux(sf 	: 111/3 : 2695/14 8800/12 	2 Associated Qual=01	Event # = 9015 Tot Cts=1508	maxkeV=71	1		t 1
= 9016 ,21:30 D0Y=170	SMM Pointing:	S15E27		Pitch=+113", Yaw	, Yaw=+489", Roll=-20deg	ig H.Ang≈32deg	
eak crita	HaClass=SF	\$26E81	AR5053	Mac.=HSX	Carr.Lon.=96deg	H.Ang=83deg	_
GOES 21:29 21:30 21:41 HXRBS* 21:29:56 21:30:14 21:30:4 UVSP 21:22 Radio Frequency(MHz)/Flux(sfu)	∞	Qual=01 Qual=01 A Code=00	Tot Cts=478 Exp #=69028	MaxkeV=43 Rast=10"x10"	Step=0" Pitch=	Pitch=+176",Yaw=+425"	
		88/06/19	9 D0Y=171 _				
Event # = 10547 88/06/19,01:04 D0Y=171	SMM Pointing:	S15E26		Pitch=+121",Yav	,Yaw=+466",Roll=-20deg	eg H.Ang=31deg	_
Start Peak End	See S	\$23E74	AR5053	Mac.=HSX	Carr.Lon.=101deg	J H.Ang=76deg	_
GUES 00:58 01:04 01:09 HXRBS 00:58:20 00:58:38 00:58: UVSP 01:03	importance=ti :45 Peakc/s=107 Wavelength=2788A	Qual=01 Qual=01 A Code=00	Tot Cts=300 Exp #=69041	MaxkeV=61 Rast=180"x1"	Flags=I Step=0" Pitch=+3"	-+3", Yaw=+390"	
Event # = 9017 88/06/19,02:29 D0Y=171		S15E25		Pitch=+126", Yaw=+454"	w=+454", Roll=-20deg	eg H.Ang=30deg	_
Peak End	≣es ≣	N14W63	AR5041	Mac.=DAI	Carr.Lon.=237deg	t H.Ang=63deg	_
GUES 02:21 02:29 02:38 HXRBS* 02:23:21 02:25:02 02:26: UVSP 02:37 Type/Intensit	inportance-uz :14 Peakc/s=154   Wavelength=2788A ty: III/2	Qual=03 Qual=01 A Code=02	Tot Cts=3668 Exp #=69043	MaxkeV=61 Rast=180"x1"	Step=0" Pitch	Pitch=+7",Yaw=+378"	
Event # = 9018 88/06/19,03:44 DOY=171 Start Boak End +	SMM Pointing:	S15E24		Pitch=+130", Yaw	Pitch=+130", Yaw=+443", Roll=-20deg	eg H.Ang=29deg	
03:44:27 03:4	:42 Peakc/s=84 Wavelength=2788A	Qual=00 Qual=01 A	Tot Cts=93 Exp #=69045	MaxkeV=43 Rast=180"x1"	Step=0" Pitch=+12"	=+12", Yaw=+366"	
171		S15E22		Pitch=+139", Ya	, Yaw=+419", Roll=-20deg	eg H.Ang=28deg	
Start Peak Enu cal	É	\$17E17	AR5047	Mac.=DH0	Carr.Lon.=155deg	J H.Ang=25deg	
HXRBS 06:52:53 06:53:00 06:53 UVSP 07:20	:13 Peakc/s=78 Wavelength=2788A	Qual=01	Tot Cts=215 Exp #=69049	MaxkeV=71 Rast=180"x1"	Step=0" Pitch=+21"	=+21", Yaw=+342"	
The state of the s							

Event # 88/06/19	# = 9020 19,08:28 Start	DOY=171 Peak	Fnd times	SMM Pointing:	S15E21		Pitch=+143", Yaw	, Yaw=+407", Rol	, Roll=-20deg	H.Ang=27deg	1
ins.	18:22	?	08:42		\$18E19 Oual=01	AR5047	Mac.=DHO	Carr.Lon.=152deg	=152deg	H.Ang=27deg	
HXRBS C BCS C	08:19:51 08:26	08:30:01 08:32	08:31:46 08:38	Peakc/s=79 CaPeak.c/s=60	Qual=01 Qual= 1	Tot Cts=1638 FePeak=08:30	MaxkeV=100 FePeak.c/s=15	#Peaks=1		XEN=817100	
	)8:54 Frequenc	08:54 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=2788A 245/4200 410/65		Exp #=69051	kast=U~xU″ Rast=18O"x1″	Step=0" Step=0"	Cad=4.10s Pitch=+25",	4.096s/pixel ,Yaw=+331"	
1	703.0				88/06/20	0 D0Y=172					ı
Event # = 21696 88/06/20,23:31 Start	= 21696 ),23:31 Start	D0Y=172 Peak	End times	=							ı
- C) C	3:22	23:31	23:57	HaClass=SF Importance=C1 Cabaak c/c-ak	\$18403 Qual=01	AR5047	Mac.=DHO		=152deg	H.Ang=20deg	
FCS UVSP 2 Radio Sw	23:16 Weeps Frequenc	23:16 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	ntensity: lux(sfu):	Wavelength=2788A Code=00 III/1 V/2 245/140	Code=00	Exp #=69144	rereak.c/s=9 Rast=0"x0" Rast=243"x243"	*reaks=1 Step=0 Step=3"	at= /./s Cad=3840s Pitch=+270'	<pre>at= /./s</pre>	
					88/06/2	1 DOY=173					1
Event # = 9247 88/06/21,00:53 Start	= 9247 ,00:53 tart	D0Y=173 Peak	Fnd times	SMM Pointing:	S15W01		Pitch=+267", Yaw	, Yaw=+82", Roll=-20deg	=-20deg	H.Ang=17deg	1
Optical Optical		63.00		HaClass=SF HaClass=SF		AR5047 AR5051	Mac.=EHI	Carr.Lon.=150deg Carr.Lon.=160deg		H.Ang=19deg H.Ang=36deg	
HXRBS* 0	00:45:46 00:45:46	00:48:22 00:50	00:54:20 01:01	Importance=t3 Peakc/s=158 CaPeak.c/s=170	Qual=01 Qual=01 Qual= 1	Tot Cts=11673 FePeak=00:50	MaxkeV=61 FePeak.c/s=25	Flags=I #Peaks=1	dt= 7.7s	XEN=817300	
UVSP C Radio	0:4] Frequenc	0:41 Frequency(MHz)/Flux(	sfu):	Wavelength=2788A 245/430	Code=01	Exp #=69145	Rast=180"x1"	Step=0"	Pitch=+146"	", Yaw=+13"	
Event # = 9021 88/06/21,02:23 Start		D0Y=173 Peak	Fnd + imes	SMM Pointing:	S16W02		Pitch=+273", Yaw	, Yaw=+72", Roll:	, Roll=-20deg	H.Ang=17deg	ı
Optical GOFS 0		02:23	02:33	HaClass=SF	S17W00	AR5047	Mac.=EHI	Carr.Lon.=148deg	=148deg	H.Ang=19deg	
HXRBS* 0 UVSP 0 Radio Sw	* 02:19:50 02:16 Sweeps	02:21:25 02: Type/Inten	02:22:48 tensity:	Peakc/s=125 Wavelength=2788A III/2	Qual=01 Code=00	Tot Cts=3779 Exp #=69147	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=+151",Yaw=+0"	, Үам=+0"	
Event # = 9022 88/06/21,02:41 Start	1	D0Y=173 Peak	End times	SMM Pointing:	S16W02		Pitch=+273", Yaw	, Yaw=+72", Roll=	, Roll=-20deg	H.Ang=17deg	1
Optical GOES 0		02:41	03:05	HaClass=1N Importance=C3	S17W03 0ual=01	AR5047	Mac.=EHI	Carr.Lon.=150deg	-150deg	H.Ang=19deg	
HXRBS* 0 UVSP 0	02:38:42 02:16	02:39:46	02:40:43	Peakc/s=186 Wavelength=2788A	Qual=01	Tot Cts=3933 Exp #=69147	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=+151",Yaw=+0"	,Yaw=+0"	
											ı

Event # = 9023 88/06/21,03:20 D0Y=173	SMM Pointing:	S16W02		Pitch=+273", Ya	,Yaw=+72",Roll=-20deg	=-20deg	H.Ang=17deg
Start Peak End time	HaClass=1N	S17W03	AR5047	Mac.=EHI	Carr.Lon.≈150deg	=150deg	H.Ang=19deg
GOES 03:06 03:20 03:59 HXRBS* 03:10:09 03:11:34 03:18:39 UVSP 03:11	importance=C/ Peakc/s=930 Wavelength=2788A	Qual=02 Qual=01 Code=00	Tot Cts=1.02E+5   Exp #=69148	MaxkeV=115   Rast=180"x1"	Step=0"	Pitch=+154",Yaw=-8"	", Yaw=-8"
	SMM Pointing:	S15W03		Pitch=+278", Ya	, Yaw=+52", Roll	, Roll=-20deg	H.Ang=17deg
reak End time	ж На	\$26E26 \$24E29	AR5054 AR5055	Mac.=AXX	Carr.Lon.=120deg Carr.Lon.=117deg	=120deg =117deg	H.Ang≈37deg H.Ang≈38deg
GOES 05:23 05:29 05:34 HXRBS* 05:27:36 05:27:58 05:29:39 UVSP 05:24 Radio Frequency(MHz)/Flux(sfu):	Importance=U, Peakc/s=109 Wavelength=2788, 2695/73 8800/36	Qual=01 Qual=01 A Code=00 15400/220	Tot Cts=1603 Exp #=69151	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=+160",Yaw=-26"	",Yaw=-26"
Event # = 9025 88/06/21,07:53 DOY=173	SMM Pointing:	S15W04		Pitch=+286", Ya	, Yaw=+31", Roll	, Roll=-20deg	H.Ang=18deg
reak 07.53		\$17W12	AR5047	Mac.=EHI	Carr.Lon.=156deg	=156deg	H.Ang=22deg
GUES 07:51 07:53 08:01 HXRBS 07:50:53 07:51:10 07:51:45 UVSP 07:53	Importance=CZ Peakc/s=82 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=469 Exp #=69154	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch≃+168",Yaw=-46"	", Yaw=-46"
Event # = 9027 88/06/21,18:28 DOY=173 Start Peak End times	SMM Pointing:	NOZWOO		Pitch=+1", Yaw=+0", Roll=Odeg	-+0", Roll=0d	6a	H.Ang=Odeg
18:28:38 Type/In cy(MHz)/F1	Peakc/s=72 V/3 410/950 606/210	Qual=00 Qual=01	Tot Cts=190	MaxkeV=71			
Event # = 9028 88/06/21,18:34 DOY=173	SMM Pointing:	NOZWOO		Pitch=+1", Yaw=+0", Roll=Odeg	-+0", Roll=0d	eg	H.Ang=Odeg
18:34 18:32:39 Type/In cy(MHz)/Fl	HaClass=SF Importance=B7 Peakc/s=79 V/3 245/770	S17W13 Qual=01 Qual=01	AR5047 Tot Cts=268	Mac.=EHI MaxkeV=71	Carr.Lon.=152deg	=152deg	H.Ang=23deg
		88/06/22	D0Y=174				
Event # = 9033 88/06/22,03:52 DOY=174 5+3rt Doat End times	SMM Pointing:			Pitch=+3", Yaw=-1443",	1443", Roll=Odeg	=0deg	
03.52	^	\$18W18	AR5047	Mac.=EHI	Carr.Lon.=151deg	=151deg	H.Ang=27deg
HXRBS 03:48:01 03:48:13 03:48:48 Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):	Importance-50 Peakc/s=74 III/2 606/6300 8800/34		Tot Cts=498	MaxkeV=100			

1/4	SMM Pointing:	NOZMOO		P11CN=+3", YaW=-4"	4", Roll=0deg	<b>D</b> 1	H.Ang=Udeg
Peak	S Ha.	S19W15	AR5047	Mac.=EHI	Carr.Lon.=148deg	148deg	H.Ang=26deg
GOES 05:20 05:35 05:54 HXRBS 05:23:18 05:26:30 05:27:	<pre>importance=C4 :12 Peakc/s=79</pre>	Qual=01 Qual=01	Tot Cts=1833	MaxkeV=71		Pitch=_123" Yaw=+183"	Yaw=+183"
Radio Sweeps Type/Intensity Radio Frequency(MHz)/Flux(sfu)	: 111/3 : 245/22	06/2800 26	v/3 410/180 606/2800 2695/18 8800/16				
00Y=174	SMM Pointing:	S15W26		Pitch=+400", Yaw=-280", Roll=-20deg	r=-280", Roll	=-20deg	H.Ang=31deg
GOES 19:06 19:13 19:21 HXRBS 19:09:53 19:10:22 19:10:47 UVSP 19:08 Radio Frequency(MHz)/Flux(sfu):	FS	Qual=01 Qual=01 Code=00	Tot Cts=4207 Exp #=69186	MaxkeV=161 Rast=10"x10"	Step≖0"	Pitch=+437",Yaw=-272"	, Yaw=-272"
D0Y=174	SMM Pointing:	S15W27		Pitch=+404", Yaw	, Yaw=-291", Roll	, Roll=-20deg	H.Ang=32deg
GOES 21:08 21:10 21:19 HXRBS 21:07:48 21:08:35 21:09:26 UVSP 20:57	mes Importance=C2 26 Peakc/s=101 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=855 Exp #=69194	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+446",	, Үам=-320"
:	1	S15W28	And the state of t	Pitch=+408", Yaw	, Yaw=-302", Roll	, Roll=-20deg	H.Ang=32deg
Peak End ti	E	S18W27	AR5047	Mac.=EHI	Carr.Lon.=150deg	150deg	H.Ang=33deg
GOES 22:37 22:44 23:05 HXRBS 22:38:56 22:42:21 22:48: UVSP 22:32	Importance=M5 ( :15 Peakc/s=166 ( Wavelength=1375A C	Qual=01 Qual=01 Code=00	Tot Cts=1.64E+5 Exp #=69201	MaxkeV=191 Rast=10"x10"	Flags=M5 Step=0"	Pitch=+450",	, Yaw=-297"
	: III/3 V/3 : 606/370 2695/24	4995/85 88	4995/85 8800/100 15400/50				
		88/06/23	3 DOY=175				
Event # = 21697 88/06/23,08:07 D0Y=175 Start Peak End times GOES BCS 07:38 08:07 08:36 FCS UVSP 08:33	mes CaPeak.c/s≖31 Wavelength=2788A	Qual=00 Qual= 1	FePeak=08:10 Exp #=69229	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+312",	XEN=817500 1.024s/pixe1 ", Yaw=-191"
Event # = 9037 88/06/23,09:26 DOY=175	SMM Pointing:	S15W34		Pitch=+434", Yaw	, Yaw=-381", Roll	, Roll=-20deg	H.Ang=38deg
Peak		S19W34	AR5047	Mac.=EKC	Carr.Lon.=151deg	151deg	H.Ang=39deg
GOES 09:14 09:25 10:00 HXRBS 09:15:10 09:23:05 09:40:09 BCS 09:12 09:25 09:56	<pre>Importance=XZ 09 Peakc/s=7694 CaPeak.c/s=7555</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=1.67E+6 FePeak=09:24	MaxkeV=256 FePeak.c/s=4737	Flags=M5 #Peaks=1 Step=0"	dt= 3.85 X	XEN=817501 35 84s/pixel
rts JVSP 09:04 Radio Frequency(MHz)/Flux(sfu)	Wavelength=2788A ): 2695/81 4995/110	8800/260	Exp #=69230	Rast=180"x1"		Pitch=+313'	, Yaw=-195"

Event # = 21698 88/06/23,09:57 Start GOES BCS 09:57 FCS 10:07	DOY=175 Peak 09:57	End times 10:11	CaPeak.c/s=980 Wavelength=2788A	Qua]=00 Qua]= 5	FePeak=09:57 Exp #=69231	FePeak.c/s=25 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s XI Cad= 688s 68 Pitch=+315",	XEN=817502 687.9s/pixel ", Yaw=-202"
Event # = 9038 88/06/23,10:00 Start GOES HXRBS 10:00:35 UVSP 10:07	= 9038 3,10:00 DOY=175 Start Peak End time: 10:00:35 10:00:41 10:00:49 10:07	40	SMM Pointing: Peakc/s=81 Wavelength=2788A	\$15W34 Qual=00 Qual=01	Tot Cts=121 Exp #=69231	Pitch=+434", Yaw=-381", Roll=-20deg MaxkeV=71 Rast=180"x1" Step=0" Pitch=+	=-381", Rol Step=0"	l=-20deg H.Ang=38de Pitch=+315", Yaw=-202"	H.Ang=38deg
Event # = 21699 88/06/23,10:47 Start GOES BCS 10:45 FCS UVSP 10:39	D0Y=175 Peak 10:47	End times 11:28	CaPeak.c/s=36 Wavelength=2788A	Qual=00 Qual= 5	FePeak=10:47 Exp #=69232	FePeak.c/s=15 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s ) Cad=1.02s ] Pitch=+316",	XEN=817503 1.024s/pixel ", Yaw=-206"
Event # = 21700 88/06/23,11:32 Start GOES 11:27 BCS 11:31 FCS 11:42	DOY=175 Peak 11:32 11:33	End times 11:36 11:36	Importance=C2 CaPeak.c/s=28 Wavelength=2788A	Qual=01 Qual= 1	FePeak=11:33 Exp #=69233	FePeak.c/s=16 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s ) Cad=1.02s Pitch=+319"	XEN=817504 1.024s/pixel ",Yaw=-213"
Event # = 9039 88/06/23,12:27 Start Optical GOES 12:19 HXRBS 12:19:53 ECS 12:22 FCS 12:22	DOY=175 Peak 12:27 12:22:18	= 9039 3,12:27 DOY=175 Start Peak End times 12:19 12:27 12:46 12:19:53 12:22:18 12:30:05 12:22 12:28 13:10 12:13	SMM Pointing: HaClass=SF Importance=C2 Peakc/s=83 CaPeak.c/s=41 Wavelength=2788A	\$15W35 \$10W36 Qual=01 Qual= 1 Code=01	AR5047 Tot Cts=7988 FePeak=12:25 Exp #=69234	Pitch=+442", Yaw=-402", Roll=-20deg  Mac.=EKC Carr.Lon.=152deg  MaxkeV=191 FePeak.c/s=15 #Peaks=1 dt= 7.7 Rast=0"x0" Step=0" Cad=1.0 Rast=180"x1" Step=0" Pitch=+442", Pitch=+	=-402", Roll=-20de Carr.Lon.=152deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	s 22s 320	H.Ang=39deg H.Ang=38deg XEN=817505 1.024s/pixel ", Yaw=-216"
Event # = 21701 88/06/23,14:50 Start GOES 14:50 FCS 14:50 UVSP 14:50	DOY=175 Peak 14:50	End times 14:53	CaPeak.c/s=21 Wavelength=2788A	Qual=00 Qual= 5	FePeak=14:50 Exp #=69237	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Xi Cad=1.02s 1 Pitch=+327",	XEN=817506 1.024s/pixel ", Yaw=-232"

Start GOES 15:41 BCS 15:43	DOT=1/3 Peak 15:50 15:53	End times 16:00 16:27	Importance=C2 CaPeak.c/s=66	Qual=03 Qual= 3	FePeak=15:49	FePeak.c/s=12	#Peaks=1	dt= 3.8s	XEN=817507
rts UVSP 15:48 Radio Sweeps	Type/Intens	ntensity:	Wavelength=1375A V/2	Code=00	Exp #=69241	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=3840s Pitch=+474",	3840s/pixel ",Yaw=-393"
Event # = 21703 88/06/23,18:02 Start	) D0Y=175 Peak	End times		7015					
17:49 18:35	18:02 18:36	19:07 19:12	Hac.ass=1B Importance=M8 CaPeak.c/s=424	51/w35 Qua]=05 Qua]= 1	AR5U4/ FePeak=18:36	Mac.=EKC FePeak.c/s=14		=147deg dt= 3.8s	H.Ang=39deg XEN=817508
rus UVSP 18:36 Radio Sweeps Radio Frequen	18:36 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	ntensity: lux(sfu):	Wavelength=1375A V/2 245/320 410/79 20	695/54 49	Rast=25 velength=1375A	Rast=25"x25" Rast=265"x265" 15400/110	Step=5" Step=5"	Cad=25.6s 1 Pitch=+463",	1.024s/pixel ",Yaw=-429"
# () E	D0Y=175 Peak	End times	HaClass=SF	S17W36	AR5047	<b>X</b>	rol The	=147dea	De PON-
GOES 20:20 BCS 20:10	20:26 20:26	20:32 20:52	Importance=C3 CaPeak.c/s=51	Qual=01 Qual= 1	FePeak=20:25	FePeak.c/s=8	·	_i+/uey dt= 3.8s	XEN=817509
20:13			Wavelength=1375A Code=00	Code=00	Exp #=69253	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+489",	1.024s/pixel ',Yaw=-422"
vent # = 21705 8/06/23,22:45 Start 0ES 22:01 CS 22:25	00Y=175 Peak 22:45 22:32	End times 23:10 22:32	Importance=C2 CaPeak.c/s=29	Qual=02 Qual= 2	FePeak=22:25	FePeak.c/s=8		dt= 7.7s	XEN=817510
22:21			Wavelength=1375A		Exp #=69263	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+483",	1.024s/pixel ",Yaw=-435"
# = 9043				88/06/24	4 D0Y=176				
4,01:4 Start	D0Y=176 Peak	End times	SMM Pointing:	S15W42		Pitch=+470", Yaw=-484", Roll=-20deg	=-484", Rol	1=-20deg	H.Ang=46deg
al 01:40	01:43	01:46	Class=SF oortance=C3	N36W50 Oual=01	AR5051	Mac.=EAO	Carr.Lon.=158deg	=158deg	H.Ang=57deg
HXRBS 01:42:18 UVSP 01:40 Radio Sweeps	01	01:42:41 tensity:	5A	Qual=01 Code=00	Tot Cts=230 Exp #=69279	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+503'	Pitch=+503",Yaw=-449"

End time 03:26 03:26 03:26 03:26 03:26 04:19 05:00 05:00 05:00 06:30 06:34 06:34 06:34 06:34 06:34 06:34 06:34 08:01 08:01 08:01 08:01	D0Y=176	:	SMM Pointing:	S15W43		Pitch=+473",Yaw	, Yaw=-494", Roll:	, Roll=-20deg	H.Ang≈46deg
DeckC/s=18		i times	Class=SN	S18W43	AR5047	Mac.=EKC	Carr.Lon.=]	150deg	H.Ang=47deg
Wavelength=2788A		37 10:48 26	tance=C5 c/s=118 ik.c/s=307	Qual=03 Qual=01 Qual= 1	Tot Cts=4237 FePeak=03:10	MaxkeV=71 FePeak.c/s=73		dt= 3.85 Cad=1083c	XEN=817600
SMM Pointing: S15W43 Pitch=+473", Yaw=-494",Roll=-20deg Importance=22 Qual=01 Tot Cts=277 Rast=180"x1" Step=0" Pitch=+354" Rast=180"x1" Step=0" Pitch=+356" Rast=180"x1" Step=0" Pitch=+366" Rast=180"x1" Step=0" Pitch=+367" Rast=180"x1" Step=0" Pitch=+368" Rast=180"		sfu)	ave 800	Code=00	Exp #=69281	Rast=243"x243"		pitch=+479"	, Yaw=-479"
Importance=C2	1		Pointing	S15W43		Pitch=+473", Yaw	494", Roll:	=-20deg	H.Ang=46deg
SMM Pointing: S15W44  AR5047  Hac.=EKC  Carr.Lon.=152deg  Hac.Class=18  S18W45  AR5047  Hac.=EKC  Carr.Lon.=152deg  CaPeak.C/s=10790 Qual=11  Tot Cts=4.13E+6 MaxkeV=401  Febeak.c/s=4103 Febeak=04:27  Rast=180"x1"  Step=0"  Pitch=+356"  Rast=180"x1"  Step=0"  Pitch=+359"  Rast=180"x1"  Step=0"  Pitch=+356"  Rast=180"x1"  Step=0"  Pitch=+359"  Rast=180"x1"  Rast=180	~	od:12:43	tance=C2 c/s=62 ength=2788A	Qual=01 Qual=01 Code=01		MaxkeV=71 Rast=180"x1"		Pitch≖+354'	, Yaw=-315"
Hancels In Si8W45	1			S15W44		Pitch=+475", Yaw	=-504", Roll	=-20deg	H.Ang=47deg
Importance   Imp		mes.	HaClass=1B	S18W45	AR5047	Mac.=EKC	Carr.Lon.=	152deg	H.Ang=49deg
# Wavelength=2788A	4	05:12 04:57:01 05:00	<pre>Importance=X1 Peakc/s=10790 CaPeak.c/s=7074</pre>	Qual=03 Qual=11 Qual= 1	Tot Cts=4.13E+6 FePeak=04:27	MaxkeV=401 FePeak.c/s=412		dt= 7.7s Cad=1 02s	XEN=817601 1 024s/nixel
End times  HaClass=18 S18W45 AR5047 Mac.=EKC Carr.Lon.=151deg  Obervations	Įu.		ave 695	) 8800/97	Exp #=69283 0 15400/950	Rast=180"x1"		Pitch=+356'	, Yaw=-321"
06:30	و	time		S18W45	AR5047	Mac.=EKC	Carr.Lon.=	151deg	H.Ang=49deg
End times  SMM Pointing: \$15W45  End times  O6:34  SMM Pointing: \$15W45  End times  SMM Pointing: \$15W45  End times  SMM Pointing: \$15W45  End times  Wavelength=2788A Code=00 Exp #=69285  End times  End times  SMM Pointing: \$15W45  End times  Wavelength=2788A Code=00 Exp #=69285  End times  Wavelength=2788A Code=00 Exp #=69285  End times  HaClass=SF \$18W46 AR5O47 Mac.=EKC Carr.Lon.=151deg  O7:40:32 Peakc/s=234 Qual=01 Tot Cts=18105 MaxkeV=71  Capeak.c/s=604 Qual=01 Tot Cts=18105 MaxkeV=71  Capeak.c/s=604 Qual=01 Tot Cts=18105 Peak.c/s=127 #Peaks=1 dt= 3.8s  Rast=0".xi" Step=0" Pitch=+352" Appears=1 dt= 3.8s  Rast=0".xi" Step=0" Pitch=+362" Cad=1.02s  Rast=0".xi" Step=0" Pitch=+362" Pitch=		••	CaPeak.c/s=1037	Qua]=00 Qua]= 5	FePeak=05:34	FePeak.c/s=84 Rast=60"x60"		dt= 3.8s Cad=36.9s	XEN=817602 1.024s/pixel
End times    SMM Pointing: S15W45   Pitch=+479", Yaw=-514", Roll=-20deg     106:36			Wavelength=2788A		Exp #=69284	Rast=180"x1"	1	Pitch=+357	', Yaw=-324"
The continue of the continue			Pointing	S15W45		Pitch=+479",Yaw	=-514",Roll	=-20deg	H.Ang=48deg
#avelength=2788A Code=00 Exp #=69285 Rast=180"x1" Step=0 Cau-4.105  End times  HaClass=SF S18W46 AR5047 Mac.=EKC Carr.Lon.=151deg  07:40:32 PeakC/s=234 Qual=01 Tot Cts=18105 MaxkeV=71  Capeak.c/s=604 Qual= 1 FePeak=07:38 Fast=10"x1" Step=0" Cad=1.02s  Rast=0"x0" Step=0 Cad=1.02s  Rast=180"x1" Step=0 Cau-4.10s  Pitch=+479", Yaw=-514", Roll=-20deg  AnxkeV=71 FePeak.c/s=24  Qual=01 Tot Cts=18105 Fast=0" Step=0" Step=0" Pitch=+362]	, ·	6:34 06:34 06:34	Importance=C6 Peakc/s=595 CaPeak.c/s=48	Qual=02 Qual=01 Qual= 5	Tot Cts=5366 FePeak=06:30	MaxkeV=191 FePeak.c/s=8		dt= 7.7s	XEN=817603
End times HaClass=SF S18W46 AR5047 Mac.=EKC Carr.Lon.=151deg 08:06 Importance=M1 Qual=01 Tot Cts=18105 MaxkeV=71 07:40:32 PeakC/s=234 Qual= 1 FePeak=07:38 FePeak.c/s=127 #Peaks=1 dt= 3.8s 08:01 Capeak.c/s=604 Qual= 1 FePeak=07:38 Rast=0"x0" Step=0" Cad=1.02s Wavelength=2788A Exp #=69287 Rast=180"x1" Step=0" Pitch=+362"			Wavelength=2788A	Code=00	Exp #=69285	Rast=180"x1"		pitch=+359	1, Yaw=-331"
End times HaClass=SF S18W46 AR5O47 Mac.=EKC Carr.Lon.=151deg 08:06 Importance=M1 Qual=01 07:40:32 Peakc/s=234 Qual=01 Tot Cts=18105 MaxkeV=71 08:01 CaPeak.c/s=604 Qual= 1 FePeak=07:38 FePeak.c/s=127 #Peaks=1 dt= 3.8s 08:01 CaPeak.c/s=604 Qual= 1 FePeak=07:38 Rast=0.x0" Wavelength=2788A Exp #=69287 Rast=180"x1" Step=0" Pitch=+362"	١		į.	S15W45		Pitch=+479", Yaw	=-514", Roll	=-20deg	H.Ang=48deg
U8:U8 Importance=n1 Qual=U1 Tot Cts=18105 MaxkeV=71 07:40:32 Peakc/s=234 Qual=01 Tot Cts=18105 MaxkeV=71 08:01 CaPeak.c/s=604 Qual= 1 FePeak=07:38 FePeak.c/s=127 #Peaks=1 dt= 3.8s 08:01 CaPeak.c/s=604 Qual= 1 FePeak=07:38 Rast=0"x0" Step=0" Cad=1.02s Wavelength=2788A Exp #=69287 Rast=180"x1" Step=0" Pitch=+362"		Hes	HaClass=SF	\$18W46	AR5047	Mac.=EKC	Carr.Lon.≖	151deg	H.Ang=50deg
Rast=0 x0   Step=0 cau=1.025   Step=0 cau=1.025   Step=0   Pitch=+362  Rast=180"x1"   Step=0   Step=	<u></u>	08:06 07:40:32 08:01	Importance=m1 Peakc/s=234 CaPeak.c/s=604	Qual=01 Qual=01 Qual= 1	Tot Cts=18105 FePeak=07:38	MaxkeV=71 FePeak.c/s=127		dt= 3.8s	XEN=817604
			Wavelength=2788A		Exp #=69287	Rast=180"x1"		pitch=+362	', Yaw=-340"

	H. Ang=49deg XEN=817606	.oc+s/pixel Yaw=-343"	EN=817607	1.024s/pixel ',Yaw=-358"	H.Ang=50deg	Үаw=-358"		H.Ang=52deg XEN=817608	1.024s/pixel ",Yaw=-539"	XEN=817609 1.024s/pixe1 ', Yaw=-542"	XEN=817614 4.096s/pixe1
dt= 7.7s x Cad=1.02s 1	ي م	Pitch=+363",	dt= 3.8s X	Cad=1.02s 1 Pitch=+368",	, Roll=-20deg H	Pitch=+368",Yaw=-358"		8 S	Cad=36.9s 1 Pitch=+499",	dt= 7.7s X Cad=1.02s 1 Pitch=+500",	dt= 3.8s X
#Peaks=1 Step=0"	, Yaw=-524", Roll=-20deg 30 #Peaks=1 dt= 3.8	Step=0"	#Peaks=2	Step=0" Step=0"	, Yaw=-534", Rol	Step=0"		Carr.Lon.=151deg #Peaks=2 dt= 3.	Step=10" Step=5"	#Peaks=1 Step=0" Step=5"	#Peaks=2 Step=0"
FePeak.c/s=11 Rast=0"x0"	Pitch=+483", Ya MaxkeV=71 FePeak.c/s=30 Dac+=25", 75"	Rast=180"x1"	FePeak.c/s=14	Rast=0"x0" Rast=180"x1"	Pitch=+486", Ya	MaxkeV=71 Rast=180"x1"		Mac.=EKC FePeak.c/s=95	Rast=60"x60" Rast=265"x265"	FePeak.c/s=10 Rast=0"x0" Rast=265"x265"	FePeak.c/s=10 Rast=0"x0"
Event # = 21707 FePeak=08:01	Tot Cts=1538 FePeak=08:59	Exp #=69288	FePeak=10:58	Exp #=69291		Tot Cts=991 Exp #=69291		AR5047 FePeak=12:39		Event # = 21710 FePeak=13:24 Exp #=69298	FePeak=15:04
Associated Qual= 5	S15W46 Qual=01 Qual=01 Qual= 1	_	Qua]=05 Qua]= 7		S15W47	Qual=03 Qual=01 Code=01		S17W49 Qual=03 Qual= 4	;ode=02	ociated  ual= 5	Qua]=00 Qua]= 4
CaPeak.c/s=29	SMM Pointing: Importance=C3 Peakc/s=106 CaPeak.c/s=134	Wavelength=2788A	Importance=C3 CaPeak.c/s=47	Wavelength=2788A	SMM Pointing:	Importance=C3 Peakc/s=76 Wavelength=2788A		HaClass=1N Importance=C8 CaPeak.c/s=520	Wavelength=1375A ( V/3 245/100	A CaPeak.c/s=38 Wavelength=1375A	CaPeak.c/s=61
08:07	End times 09:09 09:00:22 09:09		End times 11:06 11:16		+ + + + + + + + + + + + + + + + + + + +	11:47 11:09:28	End times	13:45 12:50			End times 15:57
08:01	DOY=176 Peak 09:01 08:57:55 08:59		DOY=176 Peak 10:41 10:34		DOY=176	11:22 11:07:49	D0Y=176 Peak	12:46 12:39	12:54 Type/Intensity: Frequency(MHz)/Flux(sfu):	13:24	DOY=176 Peak 14:58
08:01	Event # = 9046 88/06/24,09:01 Start GOES 08:57 HXRBS 08:57:43 BCS 08:57	08:36	Event # = 21708 88/06/24,10:41 Start GOES 10:25 BCS 10:16	11:11	# = 9047 '24,11:22	30ar 1 11:07 11:06:52 11:11	Event # = 21709 88/06/24,12:46 Start	12:29 11:50	12:54 Sweeps Frequent		# = 21711 /24,14:58 Start 14:16
BCS -	Event 88/06/ GOES HXRBS BCS FCS	UVSP	Event 88/06/ GOES BCS	UVSP	Event # 88/06/2	GOES HXRBS UVSP	Event 88/06/	Optical GOES BCS	UVSP Radio Radio	BCS FCS UVSP	Event 88/06// 60ES BCS FCS

Event # = 9048 88/06/24,16:09 Start	D0Y=176 Peak	End times	SMM Pointing:	S15W50		Pitch=+498", Yaw	, Yaw=-567", Rol	, Roll=-20deg	H.Ang=53deg
Optical 60FS 16:01	16.09	16.42	HaClass=2B	\$17W52	AR5047	Mac.=EKC	Carr.Lon.=152deg	=152deg	H.Ang≈55deg
HXRBS 16:30:5 UVSP 16:33 Radio Freque	3 16:30:59 ncy(MHz)/F	90	kc/s=105 elength=1375 5/120 2695/1	Qual=02 A 60 4995/360 Associated	t Cts=15343 5 #=69308 300/640 15400,	MaxkeV=71 Rast=200"x200" /910	Flags=SN Step=5"	=	, Yaw=-558"
HXRBS 16:37:07 UVSP 16:34	16:3	28	Peakc/s=149 Wavelength=1375	Qual=01	Tot Cts=536 Exp #=69309	laxkeV=161 .ast=10"x10"		Piţ	, Yaw=-
Event # = 9050 88/06/24,16:48 Start	D0Y=176	Fnd + impo	SMM Pointing:	S15W50		Pitch=+498", Yaw	, Yaw=-567", Rol	, Roll=-20deg	H.Ang=53deg
Optical GOFS 16:44		18.18	HaClass=2B S17W52 Importance=X6 Ousl=03	S17W52	AR5047	Mac.=EKC	Carr.Lon.=152deg	=152deg	H.Ang=55deg
HXRBS 16:40:48 GRS 16:43:00	8 16:47:00	16:59:14	Peakc/s=14630	00ual=03	Tot Cts=4.56E+7	MaxkeV=598	Flags=M5,E	ES	00000 P
BCS 16:31 FCS	16:51	16:59	CaPeak.c/s=8021	Qual= 1	FePeak≂16:49	FePeak.c/s=8726 Rast=0"x0"	#Peaks=3	dt= 7.7s	XEN=817611 4 Ogfs/piyel
	Tvpe/I	ntensity:	Wavelength=1375A ( 1V/3 V/2	Code=00	Exp #=69310	Rast=200"x200"	Step=5"	Pitch=+507"	Pitch=+507", Yaw=-559"
	(MHZ)/F	1	245/17000 410/16	000 606/1 sectioned	7/17000 410/16000 606/1500 1415/670 2695/340 4995/850 8800/1600	5/340 4995/850 88		15400/1600	
18:05	18:10	0	Cap	Qual= 3	FePeak=18:10	FePeak.c/s=24	#Peaks=2	dt= 3.8s	XEN=817612
UVSP 18:09			Wavelength=1375A		Exp #=69313	Rast=10"x10"	Step=0"	4	1.0245/p1xe1 ,Yaw=-591"
Event # = 9051 88/06/24,18:40	II.	- pu	SMM Pointing:	S15W52		Pitch=+502", Yaw=	, Yaw=-579", Roll	, Roll=-20deg	H.Ang=54deg
GOES 18:33 HXRBS 18:32:27 HVSP 18:40	18:40 7 18:37:55	18:49 18:39:01	Importance=M1 Peakc/s=123	Qual=03 Qual=01	Tot Cts=5595 Evn #=60317	MaxkeV=71 Dac+=10"<10"	.O-00+0	1, VC3+-4-+0	: 003 -: .c.v
Radio Sweeps	Type/Int	ensity:	Mayerengun-13/34 III/2 V/2	70-ano	EXP #=0931/	Kd>L=1U X1U	n=danc	F1CCN=+524°, TaW=-504	, raw≡-b∪4∵
Event # = 21713 88/06/24,19:23 Start	3 DOY=176 Peak	End times							
Optical 60FS 19:20			HaClass=SF	\$17W52 0ual=05	AR5047	Mac.=EKC	Carr.Lon.=	.=150deg	H.Ang=55deg
BCS 19:39 FCS	19:41	20:21	CaPeak.c/s=54	Qual= 5	FePeak=19:39	FePeak.c/s=8	_	dt= 3.8s	XEN=817613
UVSP 19:40			Wavelength=1375A		Exp #=69318		Step=5"	odu=.20s Pitch=+511"	0.230s/pixel ", Yaw=-574"
Event # = 9052 88/06/24,21:38 Start	DOY=176	Fnd times	SMM Pointing:	S15W53		Pitch=+505", Yaw=	, Yaw=-589", Roll	, Roll=-20deg	H.Ang=55deg
Optical 60Fs 21:21	21.38		HaClass=1B Importance=M3	\$21E89 0ual≡03			Carr.Lon.=	=8deg	H.Ang=90deg
	21:20:06 21:28:35 21:40 21:36 Type/Intensi	4	5 Peakc/s=1593 (Wavelength=1375A (TIT/3	Qual=01 Code=00	Tot Cts=3.52E+5 Exp #=69327	MaxkeV=130 Rast=130"x130"	Flags=M5,I Step=5" F	)itch=+511"	, Yaw=-650"
Radio Frequen	ncy (MHz)/F	33	245/60						

Tot Cts=2840					88/06/25	5 D0Y=177				
00:35:06 00:36:48   Importance=C3   Qual=O1   C C5=2840   MaxkeV=100   Flags=I   Pitch=+508' Max/VeV=100   Step=O" Pitch=+508' V/Mis/Pre/Intensity: V/Mis/Pr	8 ver	DOY=177	7	SM	S15W55		Pitch=+511", Yaw	=-610", Rol	l=-20deg	H.Ang=57deg
DOY=177	GOES 00:22 HXRBS 00:30:54 UVSP 00:31 Radio Sweeps Radio Frequen	Feak 00:35 00:35:06 Type/I	End times 00:57 00:36:48 .ntensity: .lux(sfu):	Importance=C3 Peakc/s=81 Wavelength=1375A V/1 410/280 606/22	Qual=01 Qual=01 Code=00	Tot Cts=2840 Exp #=69339	MaxkeV=100 Rast=10"x10"	Flags=I Step=0"	Pitch=+508"	', Үам=-673"
02:13:40 02:22:34 PenaClass=15 S26E89 AR5060 Aaxkev=224 Flags=1 Importance=C9 Qual=O1 Tot Cts=26200 Maxkev=224 Flags=1 V3 Peakc/5=593 Qual=O1 Tot Cts=26200 Maxev=224 Flags=1 Pitch=+521* V3 Peakc/5=30 Qual=O1 FePeak S00/30 Mac.eKC Car.Lon.=152deg D0V=177 CaPeak.c/5=316 Qual=O1 FePeak=O3:48 Rast=0.00°.20° Step=0" Step=0" Step=0" Step=0" Step=0" Step=0" Step=0" Step=0" Step=0" Pitch=+523* D0V=177 Flags=1 Mavelength=1375A Code=O2 Exp #=69358 Rast=0.00°. Step=0" Pitch=+523* D0V=177 Flags=1 Mavelength=2788A Code=O2 Exp #=69364 Rast=15°x15" Step=0" Cad=3840s Peak Societ CaPeak.c/5=39 Qual=O1 FePeak=O5:02 FePeak.c/5=13 FePeak.c/5	Event # = 9056 88/06/25,02:18 Start		times	SMM Pointing:	S15W55		Pitch=+511", Yaw	=-610", Rol	]=-20deg	H.Ang=57deg
Type/Intensity   V/3	Optical GOES 02:12 HXRBS 02:12:50	02:18			\$26E89 Qual=01 Qual=01	AR5060 Tot Cts=26200	MaxkeV=224	Carr.Lon.	=6deg	H.Ang=90deg
DOY=177  Peak End times  HaClass=SF S16W58  O3:52 04:00	UVSP 02:18 Radio Sweeps Radio Frequen	Type/I		4,	Code=02 )6/54 141!	#=69349 2695/84	Rast=200"x200" 00/30	Step=5"	Pitch=+521"	', Yaw=-606"
33:52 04:00	Event # = 21714 88/06/25,03:52 Start	D0Y=177 Peak	tim		01177			-	2000	2 P Q Q T 2 P Q 2
Type/Intensity: V/3  Type/Intensity: V/3  Wavelength=1375A Code=02 Exp #=69358 Rast=200"x200" Step=5" Fitch=+523  D0Y=177  End times  Wavelength=2788A Code=02 Exp #=69364 Rast=15"x15" Step=6" Cad=-3840s  Wavelength=2788A Code=02 Exp #=69364 Rast=15"x15" Step=6" Fitch=+525  Wavelength=2788A Code=00 Exp #=69365 Rast=243"x243" Step=3" Pitch=+525  Wavelength=2788A Code=00 Exp #=69365 Rast=243"x243" Step=3" Pitch=+525  Wavelength=2788A Code=00 Exp #=69365 Rast=243"x243" Step=6" Cad=-3840s  Wavelength=2788A Code=00 Exp #=69365 Rast=243"x243" Step=6" Cad=-3840s  Wavelength=2788A Code=00 Exp #=69365 Rast=243"x243" Step=6" Cad=-3840s  Wavelength=2788A Exp #=69365 Rast=243"x243" Step=6" Cad=-3840s  Wavelength=2788A Exp #=69365 Rast=243"x243" Step=6" Cad=-3840s  Wavelength=2788A Exp #=69366 Rast=180"x1" Step=0" Pitch=+398  Wavelength=2788A Exp #=69366 Rast=180"x1" Step=0" Pitch=+398	-00 -00	03:52 03:49	04:00 04:31	Class=sr ortance=C6 eak.c/s=316	S16¥58 Qua]=01 Qua]= 1	AR504/ FePeak=03:48	Mac.=EKC FePeak.c/s=48	#Peaks=3	7s 10c	H.Ang=buaeg XEN=817700
DOY=177 End times  15:05 05:16 CaPeak.c/s=39 Qual= 5 DOY=177 DOY=177  DOY=177  DOY=177  DOY=177  DOY=177  End times  16:05 DOY=177  DOY=17	_	Type/I	[ntensity:	Wavelength=1375A V/3		Exp #=69358	Rast=200"x200"	Step=5	~~	', Yaw=-613"
Mavelength=2788A Code=02 Exp #=69364 Rast=15"x15" Step=0 cad=3840s Peak D0Y=177 Peak D5:21	Event # = 21712 88/06/25,05:03 Start GOES 04:58 BCS 05:04	00Y=17 beak 05:03 05:05	End times 05:16 05:16		Qual=05 Qual= 5	FePeak=05:04	FePeak, c/s=10	#Peaks=1	dt= 7.7s	XEN=817701
DOY=177 Peak End times O5:25	FCS UVSP 05:06			Wavelength=2788A		Exp #=69364	Kast=U"XU" Rast=15"X15"	Step=0. Step=3"	cad=384Us Pitch=+525"	, Yaw=-619"
Mavelength=2788A Code=00 Exp #=69365 Rast=243"x243" Step=3" Cad=3640S DOY=177 Peak End times 06:08 06:10 Importance=C2 Qual=02 06:04 06:05 CaPeak.c/s=21 Qual= 2 FePeak=06:04 FePeak.c/s=6 #Peaks=1 dt= 7.7s Rast=0"x0" Step=3" Cad=3840S 06:08 06:10 Cad=3840S Rast=180"x1" Step=0" Cad=3840S Pitch=+398	Event # = 21718 88/06/25,05:21 Start GOES 05:17 BCS 05:19	DOY=17 Peak 05:21 05:23	End times 05:25 05:56	Importance=C3 CaPeak.c/s=76	Qua]=01 Qua]= 1	FePeak=05:22	FePeak, c/s=13		dt= 3.8s	XEN=817702
DOY=177 Peak End times 06:08 06:10 Importance=C2 Qual=02 06:04 06:05 CaPeak.c/s=21 Qual= 2 FePeak=06:04 FePeak.c/s=6 #Peaks=1 dt= 7.7s 06:04 06:05 CaPeak.c/s=21 Qual= 2 FePeak=06:04 Rast=0"x0" Step=0" Cad=3840s Wavelength=2788A Exp #=69366 Rast=180"x1" Step=0" Pitch=+398"	92			Wavelength=2788A		Exp #=69365	kast=U.xU Rast=243"x243"		cdd=304US Pitch=+525"	., Yaw≕-619"
Kast=U.XU Step=U Cad=3o4US 06:33 Wavelength=2788A Exp #=69366 Rast=180"x1" Step=0" Pitch=+398"	Event # = 21/1, 88/06/25,06:08 Start GOES 06:00 BCS 06:04		End times 06:10 06:05	1	Qua]=02 Qua]= 2	FePeak=06:04	Febeak.c/s=6	*Peaks=1	dt= 7.7s	XEN=817703
	06:3			Wavelength=2788A		Exp #=69366	Rast=180"x1"	Step=0"	rad=3040s Pitch=+398'	, Yaw=-453"

SOES (	4C:00'C	771	10 P	SMM Pointing:	S15W58		Pitch=+517", Yaw	, Yaw=-632", Roll	, Koil=-codey	n-vilg=oogeg
SSS	31471 60ES 06:26 HXRBS 06:36:59 BCS 06:38	06:59 06:47:14 06:53	07:32 07:05:52 07:37	Importance=M3 Peakc/s=474 CaPeak.c/s=2394	Qual=04 Qual=01 Qual= 1	Tot Cts=1.29E+5 FePeak=06:51		Flags=M5, I #Peaks=1 Sten=15"	dt= 7.7s Cad=71.7s	XEN=817704 17,92s/pixe1
Radio Sv Radio Sv	06:33 Sweeps Frequenc	Type/Inten uency(MHz)/Flux(	sity: sfu):	Wavelength=2788A III/2 V/3 245/67 2695/34		Exp #=69366	Rast=180"x1"		Pitch=+398'	', Yaw=-453"
Event # 88/06/2	= 9205	D0Y=177		SMM Pointing:	S15W59		Pitch=+520", Yaw	, Yaw=-642", Roll	, Roll=-20deg	H.Ang=61deg
GOES (CHXRBS (UVSP (CHAYRBS)	otart 17:32 17:31:33 17:33 Frequent	07:42 07:32 3y (MHz)	Λ	rance=M1 c/s=73 length=2788 37 606/65	Qual=02 Qual=01 Code=01		MaxkeV=71 Rast=180"x1"	Flags=I Step=0"	Pitch=+400'	Yaw=-457"
HXRBS (BCS (FCS	07:37:05 07:37	07:37:11 07:37	07:37:38 07:39	Peakc/s=51 CaPeak.c/s=117	Associated Qual=01 Qual= 5	<pre>Event # = 9200 Tot Cts=118 FePeak=07:37</pre>	MaxkeV=71 FePeak.c/s=7 Rast=0"x0"	Flags=I #Peaks=1 Step=0"	dt= 7.7s Cad= 688s	XEN=817705 687.9s/pixel
Event # 88/06/2	= 9061 5,08:25	D0Y=177		SMM Pointing:	S15W59		Pitch=+520", Yaw	, Yaw=-642", Roll=-20deg	]=-20deg	H.Ang=61deg
GOES HXRBS BCS	Start 08:16 08:15:39 08:12	Peak 08:25 08:23:19 08:25	End times 08:46 08:37:26 09:12	<pre>Importance=M1 Peakc/s=215 CaPeak.c/s=833</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=68431 FePeak=08:25	MaxkeV=71 FePeak.c/s=155	_	dt= 3.8s X	XEN=817706
	90:80			Wavelength=2788A	Code=01	Exp #=69368	Rast=180"x1"	Step=0"	Pitch=+400	', Yaw=-460"
Event # 88/06/25	= 9207 5,08:50	DOY=177		SMM Pointing:	S15W59		Pitch=+520", Yaw	, Yaw=-642", Roll=-20deg	1=-20deg	H.Ang=61deg
GOES HXRBS ( BCS (	Start 08:46 08:45:34 09:12	764K 08:50 08:46:05 09:12	09:13	Importance=C8 Peakc/s=73 CaPeak.c/s=40	Qual=03 Qual=01 Qual= 5	Tot Cts=1570 FePeak=09:12	MaxkeV=71 FePeak.c/s=7	Flags=I #Peaks=1 c+o=0:	dt= 7.7s X	XEN=817707 687 05/23/91
	80:60			Wavelength=2788A		Exp #=69369	Rast=180"x1"		Pitch=+402	", Yaw=-464"
	= 21718 5,11:17 Start	D0Y=177 Peak	End times	HaClass=1N	\$20E73	AR5060		Carr.Lon.=17deg	=17deg	H.Ang=75deg
	11:06 11:20	11:17 11:21	11:28 11:37	HaClass=SF Importance=M2 CaPeak.c/s=52	\$19¥65 Qual=05 Qual= 5	AR504/ FePeak=11:21	FePeak.c/s=14	#Peaks=1	8s 201	H.Ang=6/aeg XEN=817708
FCS UVSP Radio S Radio	11:15 Weeps Frequen	<pre>11:15 Sweeps</pre>		Wavelength=2788A II/3 245/290 410/230 6	Code=00 506/66 499	length=2788A Code=00 Exp #=69372 290 410/230 606/66 4995/69 15400/68	kast=0 x0 Rast=180"x1"			4.090s/p1xe1 ", Yaw=+185"

XEN=817717 1.024s/pixel ', Yaw=-84"	H.Ang=64deg H.Ang=68deg XEN=817710 1.024s/pixe1 ', Yaw=+185"	XEN=817711 1.024s/pixel ,'Yaw=-483"	66deg 7712 /pixel 669"	66deg	XEN=817713 1.024s/pixel ', Yaw=-677"
XEN=817717 1.024s/pix ", Yaw=-84"	H.Ang=64deg H.Ang=68deg XEN=817710 1.024s/pixe ", Yaw=+185"	XEN=817711 1.024s/pix ", Yaw=-483"	H.Ang=66deg XEN=817712 4.096s/pixel ", Yaw=-669"	H.Ang=66deg ", Yaw=-700"	XEN=817713 1.024s/pix ", Yaw=-677"
dt= 7.7s Cad=1.02s Pitch=-668"	=-20deg  =155deg   dt= 3.8s   dt= 1.02s   Pitch=-121	dt= 7.7s X Cad=1.02s 1 Pitch=+407",	11=-20deg H dt= 3.8s X Cad=4.10s 4 Pitch=+540",	]=-20deg H.Ang=66de   Pitch=+565", Yaw=-700"	dt= 7.7s X Cad=1.02s 1 Pitch=+567",
#Peaks=2 Step=0" Step=0"	Carr. Carr. Flags #Peak Step= Step=	#Peaks=1 Step=0" Step=0"	,Yaw=-682",Roll=-20deg Flags=I 11 #Peaks=1 dt= 3.8 Step=0" Cad=4.1 00" Step=5" Pitch=+	',Yaw=-682",Roll=-20deg Flags=I Step=0" Pitch=+	#Peaks=1 Step=0" Step=0"
FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	Pitch=+530", Ya Mac.=EKC MaxkeV=71 FePeak.c/s=172 Rast=0"x0" Rast=180"x1"	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	Pitch=+533", Ya MaxkeV=71 FePeak.c/s=11 Rast=0"x0" Rast=200"x200"	Pitch=+533", Ya MaxkeV=100 Rast=10"x10"	FePeak.c/s=8 Rast=0"x0" Rast=10"x10"
FePeak=12:15 Exp #=69373	AR5047 Tot Cts=18259 FePeak=13:00 Exp #=69374	FePeak=13:47 Exp #=69375	Tot Cts=312 FePeak=17:37 Exp #=69380	Tot Cts=705 Exp #=69383	FePeak=19:49 Exp #=69392
Qual=02 Qual= 4 Code=00	S16W62 S16W66 Qual=01 Qual=1 Qual= 1	Qual=00 Qual= 5	\$15W65 Qua = 00 Qua = 01 Qua = 5	\$15W65 Qual=00 Qual=01	Qua]=02 Qua]= 2
Importance=C2 CaPeak.c/s=21 Wavelength=2788A	SMM Pointing: SHaClass=SN Importance=M1 CaPeakC/s=181 CaPeak.c/s=860 Wavelength=2788A (III/2 III/2	CaPeak.c/s=37 Wavelength=2788A	SMM Pointing: Peakc/s=94 CaPeak.c/s=111 Wavelength=1375A	SMM Pointing: Peakc/s=184 Wavelength=1375A	Importance=C4 CaPeak.c/s=24 Wavelength=1375A V/2
End times 12:26 12:18	8 8	End times 13:55	End times 17:45:21 18:08	End times 18:00:53	Y=177 ak End times :06 20:33 :49 19:49 Type/Intensity:
DOY=177 Peak 12:17 12:16	D0Y=177 Peak 13:01 12:56:26 13:00 Type/In cy(MHz)/F1	D0Y=177 Peak 13:47	D0Y=177 Peak 17:45:07 17:37	D0Y=177 Peak 18:00:38	19 Pe 19
Event # = 21719 88/06/25,12:17 Start GOES 12:11 BCS 12:06 FCS 12:16	Event # = 9301 88/06/25,13:01 Optical GOES 12:49 HXRBS 12:53:16 12:56:26 13:06:08 BCS 12:54 ECS 12:54 BCS 12:54 Type/Intensity Radio Sweeps  Type/Intensity	Event # = 21/20 88/06/25,13:47 Start GOES BCS 13:47 FCS UVSP 13:50	Event # = 9302 88/06/25,17:37 Start GOES HXRBS 17:44:58 BCS 17:36 FCS UVSP 17:37	# = 9303 /25,18:00 Start 18:00:31 17:55	Event # = 21722 88/06/25,20:06 Start GOES 19:43 BCS 19:48 FCS 19:48 RGS 19:48
Event 88/06/ GOES BCS FCS UVSP	Event # 88/06/22 Optical GOES HXRBS HX HX HX HX HX HX HX HX HX HX HX HX HX	Event 88/06/ 60ES BCS FCS UVSP	Event 88/06/ 60ES HXRBS HXRBS FCS FCS UVSP	Event 88/06/ GOES HXRBS UVSP	Event 88/06/ 60ES BCS FCS UVSP Radio

Event # 88/06/2 GOES BCS	Event # = 21723 88/06/25,20:42 Start GOES 20:34 BCS 20:45	D0Y=177 Peak 20:42 20:45	End times 20:53 20:52	Importance=C2 CaPeak.c/s=21	Qua]=05 Qua]= 5	FePeak=20:46	FePeak.c/s=7		dt= 7.7s	XEN-817714
UVSP	20:39			Wavelength=1375A	Code=00	Exp #=69393	kast=U"xU" Rast=10"x10"	Step=0"	cad=1.02s 1 Pitch=+567",	1.024s/p1xel ",Yaw=-679"
Event 88/06/:	Event # = 21724 88/06/25,21:20 Start	D0Y=177 Peak	End times		0					
38.5 30.5 30.5 30.5 30.5 30.5 30.5 30.5 30	21:20	21:20	21:24	CaPeak.c/s=18	Qual= 1	FePeak=21:22	FePeak.c/s=8		dt= 7.7s	XEN=817715
uvsp	21:09			Wavelength=1375A		Exp #=69397	Kast=U"xU" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+573",	1.024s/p1xel ",Yaw=-671"
Event 88/06/2	Event # = 21725 88/06/25,22:52 Start	DOY=177 Peak			10,100					
BCS	22:27	22:53 22:53	23:08 23:08	Importance=uz CaPeak.c/s=59	Qua!=01 Qua]= 1	FePeak=22:54	FePeak.c/s=11	#Peaks=2	dt= 3.8s	XEN=817716
UVSP	22:43			Wavelength=1375A	Code=00	Exp #=69404	Rast=10"x10"		cad=4.10s 4 Pitch=+524",	4.096s/pixel ",Yaw=-711"
					88/06/26	6 D0Y=178				
Event 88/06/2	Event # = 9304 88/06/26,00:24	00Y=178	- t- f-c1	SMM Pointing:	S15W68		Pitch=+538",Yaw	, Yaw=-703", Rol	, Roll=-20deg	H.Ang=69deg
Optica	3 cal c		EIII	HaClass=SF	\$20E89	AR5060	Mac.=DKC	Carr.Lon.=353deg	=353deg	H.Ang=90deg
HXRBS UVSP Radio	$\sim$	0:19:59 00:21:04 00:28:2 0:16 Frequency(MHz)/Flux(sfu)	o	Importance-c9 Peakc/s=683 Wavelength=1375A 606/110 2695/93 49	Qual=0 Qual=0 Code=0 995/62	1 Tot Cts=30200 0 Exp #=69413 8800/150 15400/170	MaxkeV=224 Rast=10"x10" 70	Flags=I Step=O"	Pitch=+571"	", Yaw=-691"
Event 88/06/2	Event # = 21727 88/06/26,00:46 Start	D0Y=178 Peak	End times							-
Optical GOES	00:40			HaClass=SF Importance=C3	S20E89 0ual=03	AR5060	Mac.=DKC	Carr. Lon. =353deg	=353deg	H.Ang≃90deg
BCS S	00:24	00:45	00:51	CaPeak.c/s=58	Qual= 1	FePeak=00:45	FePeak.c/s=11	#Peaks=2	dt= 3.8s	XEN=817801
UVSP	00:46			Wavelength=1375A	Code=02	Exp #=69417	Rast=10"x10"	Step=0"		, Yaw=-698"
Event 4 88/06/2	= 9078 (6,01:46 Start	D0Y=178	End +impo	SMM Pointing:	S15W68		Pitch=+538", Yaw=-703", Roll=-20deg	/=-703", Rol	=-20deg	H.Ang=69deg
GOES HXRBS BCS	GOES 01:33 HXRBS 01:43:29 BCS 01:43	01:46 01:44:27 01:46	01:50 01:45:21 01:56	Importance=C2 Peakc/s=69 CaPeak.c/s=55	Qual=01 Qual=01 Qual= 1	Tot Cts=718 FePeak=01:45	MaxkeV=71 FePeak.c/s=11		dt= 3.8s	XEN=817802
UVSP	01:37			Wavelength=1375A	Code=00	Exp #=69420	Rast=10"xU Rast=10"x10"	Step=0" Step=0"	cad=4.10s 4 Pitch=+572",	4.U96s/plxel ",Yaw=-695"

	DOY=178	Fnd times	SMM Pointing:	S15W68		Pitch=+538", Yaw	,Yaw=-703",Roll=-20deg	1=-20deg	H.Ang≃69deg
Ħ	01:50:10	02:00 01:51:58	Importance=C3 Peakc/s=78 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=1150 Exp #=69422	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+567",Yaw=-701"	, Yaw=-701"
= 21728 5,02:04 start 02:00	DOY=178 Peak 02:04 02:00	End times 02:12 02:02	Importance=C3 CaPeak.c/s=18	Qual=01 Qual= 4	FePeak=02:01	FePeak. c/s=10	#Peaks=1	dt= 7.7s	XEN=817803
:03			Wavelength=1375A	Code=00	Exp #=69423	Rast=0.x0 Rast=200"x200"	Step=0 Step=5"	cdd=1.02s 1 Pitch=+547",	1.024s/p1xel ",Yaw=-697"
1	D0Y=178		SMM Pointing:	S15W70		Pitch=+541", Yaw=-714", Roll=-20deg	714", Rol	1=-20deg	H.Ang=71deg
Start 05:08 05:12:05 05:13	reak 05:22 05:12:12	End times 05:50 05:12:36	Importance=C3 Peakc/s=75 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=230 Exp #=69442	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+574",Yaw=-706"	, Yaw=-706"
	D0Y=178		SMM Pointing:	S15W70		Pitch=+541", Yaw=-714", Roll=-20deg	714", Rol	]=-20deg	H.Ang=71deg
Start 06:20 06:22:59 06:13 Weeps	Peak 06:25 06:3 06:24:03 06:2 Type/Intens	4:39 ity:	Importance=C3 Peakc/s=65 Wavelength=1375A III/1	Qual=01 Qual=01 Code=00	Tot Cts=791 Exp #=69446	MaxkeV=71 Rast=130"x130"	Step=5"	Pitch=+572",Yaw=-711"	, Үам=-711"
	DOY=178	+	SMM Pointing:	S15W70		Pitch=+541", Yaw	, Yaw=-714", Rol	,Roll≈-20deg	H.Ang=71deg
GOES 06:35 HXRBS 06:36:49 UVSP 06:29	06:37:07	06:44 06:37:24	Importance=C3 Peakc/s=61 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=281 Exp #=69448	MaxkeV=71 Rast=130"x130"	Step=5"	Pitch=+587",Yaw=-696"	, Үам=-696"
# = 9065 26,06:42	DOY=178	Fod + impo	SMM Pointing:	S15W70		Pitch=+541", Yaw	, Yaw=-714", Rol	, Roll=-20deg	H.Ang=71deg
:42:15 :41	06:42:22	06:42:4	Peakc/s=58 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=124 Exp #=69449	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=+550",Yaw=-710"	, Yaw≕-710"
nt # = 21729 06/26,08:58 Start S 08:38 08:19	DOY=178 Peak 08:58 08:42	End times 09:28 08:44	Importance=C6 CaPeak.c/s=82	Qual=02 Qual= 1	FePeak=08:41	FePeak. C/s=13	#Peaks=2	dt= 7.7s	XEN=817804
6			Wavelength=278		Exp #=69461	Kast=25"X25" Rast=180"x1"	0=d	1=25.65 cch=+423	1.024s/p1xel ,Yaw≖-544"
16	09:17	09:53	CaPeak.c/s=47	Associated Qual= 5	Event # = 21/30 FePeak=09:17	FePeak.c/s=16 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s Cad= 131s	XEN=817805 0.512s/pixel

73deg	544"	7806	7 p 1 x e 1 547 "	75deg	548"	75deg	78deg	7807	/p1xe1 554"	75deg	78deg	7808	755 " e l	6082	/pixel 555"
H.Ang=73deg	", Үам=-544	XEN=817806	1.0245/p1xel ",Yaw=-547"	H.Ang=75deg	", Yaw=-	H.Ang=75deg	H.Ang≈78deg	XEN=81	1.024s/p1xel ",Yaw=-554"	H.Ang=75deg	H.Ang=78deg	XEN=81	1.0245/plxel ",Yaw=-555"	XEN=81	4.096s/pixel ",Yaw=-555"
11=-20deg	Pitch=+423"	dt= 7.7s	Cad=1.02s 1 Pitch=+424",	1=-20deg	Flags=M5,DG Step=0" Pitch=+424",Yaw=-548"	, Roll=-20deg	.=153deg	dt= 7.7s	Cad=1.02s 1 Pitch=+425",	, Roll=-20deg	.=152deg	dt= 3.8s	Lad=25.65 1 Pitch=+426",	dt= 7.7s	Cad=4.10s 4 Pitch=+426",
, Yaw=-724", Roll=-20deg	Step=0"	#Peaks=1	Step=0"	aw=-734", Ro]	Flags=M5, Step=0"	, Yaw=-734", Rol	Carr.Lon.=153deg	#Peaks=1	Step=0" Step=0"	, Yaw=-734", Rol	Carr.Lon.=152deg	#Peaks=1	Step=5.	#Peaks=1	Step=0" Step=0"
Pitch=+543",Ya	MaxkeV=71 Rast=180"x1"	FePeak.c/s=29	Rast=0.x0" Rast=180"x1"	Pitch=+545", Yaw=-734", Roll=-20deg	MaxkeV=326 Rast=180"x1" 200 15400/260	Pitch=+545", Ya	Mac. ≠EKC	MaxkeV=100 FePeak.c/s=27	Kast=0"x0" Rast=180"x1"	Pitch=+545", Ya	Mac.=EKC	MaxkeV=71 FePeak.c/s=41	Kast=25"X25" Rast=180"x1"	FePeak.c/s=6	Rast=0"x0" Rast=180"x1"
	Tot Cts=570 Exp #=69461	FePeak=10:17	Exp #=69462		Tot Cts=31640 MaxkeV=326 Exp #=69463 Rast=180"x1" 4995/160 8800/200 15400/260		AR5047	Tot Cts=454 FePeak=12:40	Exp #=69466		AR5047	Tot Cts=371 FePeak=13:59	Exp #=69467	FePeak=14:18	Exp #=69467
S15W72	Qual=03 Qual=01 Code=01	Qual=03 Qual= 1	Code=00	S15W74	Qual=03 Qual=11 Code=01 2695/110	S15W74	\$17W77	Qua]=02 Qua]=01 Qua]= 1		S15W74	S18W77	Qual=05 Qual=01 Qual= 5	Code=00	Qual=01 Qual= 5	
SMM Pointing:	Importance=C4 Peakc/s=72 Wavelength=2788A	Importance=C5 CaPeak.c/s=169	Wavelength=2788A	SMM Pointing:	Importance=C9 Peakc/s=519 Wavelength=2788A 606/2900 1415/59	SMM Pointing:		Importance=C4 Peakc/s=106 CaPeak.c/s=154	Wavelength=2788A	SMM Pointing:	HaClass=1N	lmportance=ml Peakc/s=65 CaPeak.c/s=418	Wavelength=2788A	Importance=C5 CaPeak.c/s=20	Wavelength≕2788A
End times	09:39 09:28:25	End times 10:49 10:19			£	7	End times	12:59 12:33:56 13:16			2	14:15 14:03:06 14:18		End times 14:22 14:53	
DOY=178	09:28:02	DOY=178 Peak 10:16 10:17		D0Y=178	art Feak Eng Lim :50 11:04 11:45 :57:44 11:01:58 11:05:3 :43 requency(MHz)/Flux(sfu)	D0Y=178	reak :	12:50 12:33:31 12:41		D0Y=178	ר מאר ר ה מי	13:55 14:02:39 13:59		DOY=178 Peak 14:20 14:18	
7 = 9000 26,09:30 Start	09:28 09:27:43 09:09	# = 21731 /26,10:16 Start 10:10 10:06	10:13	# = 9067 '26,11:04	GOES 10:50 HXRBS 10:57:44 UVSP 10:43 Radio Frequency	9068 12:50	מר.	12:28 12:33:24 12:28	13:20	Event # = 9069 88/06/26,13:55	al al	13:40 14:01:50 13:58	13:52	# = 21732 /26,14:20 Start 14:16 14:18	13:52
EVent 88/06/	GOES HXRBS UVSP	Event 88/06/ 60ES BCS BCS	UVSP	Event 88/06/	GOES HXRBS UVSP Radio	Event # = 88/06/26,	Optica	GOES HXRBS BCS BCS	UVSP	Event 88/06/	Optica	HXRBS HXRBS BCS 100	UVSP	Event 88/06/ GOES BCS	FCS UVSP

Event # 88/06/2 0ptical		DOY=	nd times		\$18₩78	AR5047	Mac.=EKC	Carr.Lon.=152deg	=152deg	H.Ang=79deg
60ES BCS FCS WSP	16:25 16:31 17:07	16:31 16:31	16:35 16:33	Importance=Ml CaPeak.c/s=24 Wavelength=1375A	Qual=04 Qual= 5	FePeak=16:31 Exp #=69473	FePeak.c/s=9 Rast=0"x0" Rast=200"x200"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+555",	XEN=817810 1.024s/pixel ",Yaw=-756"
Event 1 88/06/2	Event # = 9070 88/06/26,17:36	D0Y=178		SMM Pointing:	S15W82		Pitch=+548", Yaw=-762", Roll=-20deg	=-762", Rol	1=-20deg	H.Ang=83deg
Optica	Start   17 00	Реак	i times		S17W79	AR5047	Mac.=EKC	Carr.Lon.=152deg	=152deg	H.Ang=80deg
HXRBS UVSP	17:34:48 17:34:48 17:25	1/:36 17:35:43	17:43 17:36:43	<pre>Importance=M1 Peakc/s=364 Wavelength=1375A</pre>	Qual=01 Qual=01 Code=00	Tot Cts=7237 Exp #=69476	MaxkeV=130 Rast=10"x10"	Flags=M5 Step≃0"	Pitch=+575"	', Yaw=-741"
Event # = 217 88/06/26,22:3 Start	# = 21734 26,22:38 Start	DOY=178	Fnd times							de de la companya de
60ES BCS 100ES	22:32 22:37	22:38 22:37	22:41 22:37	Importance=C5 CaPeak.c/s=25	Qua]=01 Qua]= 2	FePeak=22:37	FePeak.c/s=9	#Peaks=1	dt= 7.7s X	XEN=817811
UVSP	22:26			Wavelength=1375A	Code=00	Exp #=69497	Rast=130"x130"	Step=5"	Pitch=+592'	1.0245/pixel
Event 88/06/	Event # = 21735 88/06/26,23:18 Start	DOY= Peak	· -							
GOES BCS SS	23:16 23:23	23:18 23:23	23:26 23:26	Importance=C5 CaPeak.c/s=20	Qual=05 Qual= 5	FePeak=23:23	FePeak.c/s=7	#Peaks=1	dt= 7.7s X	XEN=817812 1 02/s/pivel
UVSP	23:24			Wavelength=1375A	Code=02	Exp #=69499	Rast=265"x265"	Step=5"	Pitch=+555	", Yaw=-756"
					88/06/27	7 DOY=179				
Event 88/06/, GOES	<u> </u>	l .	End times		Qua]=00		:		-	
HXRBS UVSP	01:35:55 01:34	01:36:25	01:36:55	Peakc/s=140 Wavelength=1375A	Qual=01	Tot Cts=1028 Exp #=69512	MaxkeV=/1 Rast=130"x130"	Step=5"	Pitch=+592'	Pitch=+592",Yaw=-733"
Event # 88/06/27	Event # = 9072 88/06/27,02:51 Start Ontical	D0Y=179 Peak	End times	HaClass=SN	S20W89	AR5047	Mac. = EKC	Carr. Lon.=157dea	=157dea	H.Ana=90dea
GOES	2:48	02:51	03:00	Importance=C8	(ua]=01					
HXRBS BCS FCS UVSP	02:47:40 02:48	02:48:48 02:51	02:51:55 03:34	Peakc/s=519 CaPeak.c/s=426	Qua]=01 Qua]= 1	Tot Cts=16406 FePeak=02:51	MaxkeV=130 FePeak.c/s=84 Rast=25"x25"	Flags=M5 #Peaks=1 Step=5"	dt= 3.8s X Cad=25.6s 1 Pitch=+553",	XEN=817900 1.024s/pixel ", Yaw=-758"

1t # 36/2 cal	= 9073 7,03:09 Start	D0Y=179 Peak	End times	HaClass=SN	\$20E66	AR5060	Mac.=FKC	Carr.Lon.=2dea	=2dea	H.Ana=68dea
GOES HXRBS UVSP Radio S	$\alpha \alpha \alpha = 1$	3:00 03:09 03:56 3:01:35 03:02:58 03:11:1 2:55 Type/Intensity Frequency(MHz)/Flux(sfu)	ო	Importance=M1 ( Peakc/s=483 ( Wavelength=1375A ( III/1 8800/44 15400/38	Qual=03 Qual=01 Code=00	Tot Cts=52327 Exp #=69518	MaxkeV=100 Rast=110"x200"	Step=5"	Pitch=+592"	', Yaw=-784"
•	03:24:52	03:25:25	190	As Peakc/s=63 Wavelength=1375A	Associated Qual=01 5A	Event # = 9074 Tot Cts=313 Exp #=69520	MaxkeV=71 Rast=110"x200"	Step=5"	 Pitch=+592'	
Event # 88/06/2 GOES BCS FCS	Event # = 21736 88/06/27,04:15 Start GOES 04:11 BCS 04:06 FCS 04:09	DOY=179 Peak 04:15 04:15	End times 04:21 04:30	Importance=C2 CaPeak.c/s=34	Qual=01 Qual= 1	FePeak=04:14	FePeak.c/s=8 Rast=0"x0"	#Peaks=2 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=817901 1.024s/pixel
_	5			Vr /ct_lin filin o		LAµ #"03364	אמאר-110 אבטט	c-danc	F1 tcll=+39/	, IdW==/04
Event # 88/06/2 60ES BCS	Event # = 21737 88/06/27,04:41 Start 60ES 04:35 BCS 04:35	DOY=179 Peak 04:41 04:41	End times 04:51 04:51	Importance=C3 CaPeak.c/s=53	Qual=01 Qual= 1	FePeak=04:42	FePeak. C/s=17		dt= 3.8s	XEN=817902
	04:28			Wavelength=1375A	Code=00	Exp #=69526	Rast=0.x0 Rast=110"x200"	Step=0 Step=5"	cad=4.10s 4 Pitch=+577",	4.096s/p1xe1 ", Yaw=-784"
Event # 88/06/2 GOES BCS FCS	Event # = 21738 88/06/27,04:57 Start GOES 04:51 BCS 04:56	DOY=179 Peak 04:57 04:57	End times 05:02 05:02	Importance=C2 CaPeak.c/s=23	Qual=01 Qual= 4	FePeak=04:56	FePeak, C/s=8		dt= 7.7s	XEN=817903
	04:47			Wavelength=1375A	Code=00	Exp #=69528	Rast=110"x200"	Step=0 Step=5"	cad=4.10s Pitch=+602"	cad=4.10s 4.096s/plxel Pitch=+602",Yaw=-784"
oal cal	= 9076 7,06:06 Start	D0Y=179 Peak	Шеs	SMM Pointing: HaClass=SF	S19E62 N13E67	AR5062	Pitch=+42",Yaw=- Mac.=BX0	,Yaw=+854",Roll=-20deg Carr.Lon.=359deg	20deg -359deg	H.Ang=65deg H.Ang=67deg
HXRBS (UVSP (Sedio Se	5:55:54 06:03 veeps	ວເດ	0/.00 06:02:59 ntensity:	Importance=m1 Peakc/s=92 Wavelength=1375A (	Qual=01 Qual=01 Code=00	Tot Cts=6829 Exp #=69534	MaxkeV=71 Rast=110"x200"	Step=5"	Pitch=+39",	, Үам=+835"
HXRBS (UVSP (	05:51:27	- 55	:20	Peakc/s=70 Wavelength=1375A	sociated Qual=01	Event # = 9075 Tot Cts=720 Exp #=69532	MaxkeV=71 Rast=110"x200"	Flags=M5 Step=5"	 Pitch=+33",	, Yaw=+836"
1 1				Commence of the Commence of th						

5deg 904 0" xel	3deg 7deg 6"	2deg 905 pixel 8".	1deg 0"	1deg Odeg Sdeg 906 Pixel	Odeg
H.Ang=66deg XEN=817904 1.024s/pixe1 ,Yaw=+770"	H.Ang=63deg H.Ang=67deg ,Yaw=+766"	H.Ang=62deg XEN=817905 0.256s/pixe1 ,Yaw=+758"	H.Ang=61deg ",Yaw=-70"	H.Ang=61deg H.Ang=60deg H.Ang=45deg XEN=817906 1.024s/pixel	H.Ang=60deg , Yaw=+824"
.=359deg dt= 7.7s Cad=1.02s Pitch=-72"	844",Roll=-20deg Carr.Lon.=357deg Step=0" Pitch=-70"	.=4deg dt= 3.8s Cad=.26s Pitch=-66"	l=-20deg H.Ang=61d Pitch=-121", Yaw=-70"	-=0deg -=4deg -=94deg dt= 7.7s cad=1.02s Pitch=-60"	l=-20deg H.Ang=60d SA Pitch=+70", Yaw=+824"
Carr.Lon.=359deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	,Yaw=+844",Rol Carr.Lon 1" Step=0"	Carr.Lon.=4deg #Peaks=1 dt= Step=0" Cad= Step=0" Pitc	:+824",Rol Step=0"	Carr.Lon.=0deg Carr.Lon.=94deg Carr.Lon.=94deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=0"	',Yaw=+814",Roll=-20deg Flags=I,SA :200" Step=5" Pitch=
Mac.=BX0 FePeak.c/s=15 Rast=0"x0" Rast=180"x1"	Pitch=+47", Yaw= Mac.=BX0 MaxkeV=71 Rast=180"x1"	Mac.=FKC FePeak.c/s=20 Rast=0"x0" Rast=180"x1"	Pitch=+57", Yaw=+824", Roll=-20deg MaxkeV=130 Rast=180"x1" Step=0" Pitch=	Mac.=BX0 FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	Pitch=+61", Yaw= MaxkeV=71 Rast=200"x200"
AR5062 FePeak=08:48 Exp #=69540	AR5062 Tot Cts=5526 Exp #=69541	AR5060 FePeak=11:56 Exp #=69544	Tot Cts=634 Exp #=69546	AR5062 AR5060 AR5056 FePeak=15:05 Exp #=69548	Tot Cts=1380 Exp #=69554
N13E66 Qual=05 Qual= 1 Code=02	\$19E61 N16E67 Qual=03 Qual=01 Code=00	\$20E59 Qual=05 Qual= 1 Code=00	S19E58 Qual=03 Qual=01	N13E61 S20E57 S29W33 Qual=05 Qual= 5 Code=00	\$19E57 Qual=05 Qual=02 Code=00
HaClass=SF Importance=C2 CaPeak.c/s=30 Wavelength=2788A	SMM Pointing: HaClass=SF Importance=C7 PeakC/s=123 Wavelength=2788A	HaClass=SF Importance=C3 CaPeak.c/s=107 Wavelength=2788A	SMM Pointing: Importance=C1 Peakc/s=124 Wavelength=2788A	HaClass=1N HaClass=SF HaClass=SF Importance=C4 CaPeak.c/s=29 Wavelength=2788A	SMM Pointing: Importance=C2 Peakc/s=69 Wavelength=1375A
End times 08:49 08:58	End times 10:00 09:44:47	End times 12:12 12:06	End times 13:53 13:40:36	End times 15:36 15:15	End times 16:12 16:01:05
DOY=179 Peak 08:40 08:52	DOY=179 Peak 09:45 09:42:17	DOY=179 Peak 11:55 11:56	DOY=179 Peak 13:45 13:40:21	00Y=179 Peak 15:03 15:04	DOY=179 Peak 15:56 16:00:41
Event # = 21739 88/06/27,08:40 Optical GOES 08:30 BCS 08:48 FCS 08:41	Event # = 9077 88/06/27,09:45 Start Optical GOES 09:39 HXRBS 09:41:06 UVSP 09:43	# = 21740 27,11:55 Start 11:49 11:55	# = 9080 5/27,13:45 E Start 13:40 13:40 13:22	# = 21741 27,15:03 Start 11 11:58 15:04 15:04	# = 9353 /27,15:56 Start 15:54 15:58:55 15:58:55
Event #88/06/2 88/06/2 Optica GOES BCS FCS UVSP	Event # 88/06/2 Optical GOES HXRBS UVSP	Event # = 88/06/27, St Optical GOES 111 FCS UVSP 111	Event 88/06/ GOES HXRBS UVSP	Event # 88/06/27, St Optical Optical Optical GOES 14 BCS 15 FCS	Event 88/06/ 60ES HXRBS UVSP

Event 88/06/	Event # = 21742 88/06/27,16:42 Start	D0Y=179 Peak	End times	HaClass=SF	N13E62	AR5062	Mac.=8X0	Carr.Lon.=358deg	=358deq	H.Ang=62deg
GOES BCS	16:35 16:39	16:42 16:39	16:46 16:41	mportance=Cl aPeak.c/s=18	Qua]=04 Qua]= 5	FePeak=16:39	FePeak.c/s=7	#Peaks=1	75	XEN=817907
FCS UVSP	16:40			Wavelength=1375A	Code=00	Exp #=69557	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=+41",	I.024s/pıxel ,Yaw≃+796"
Event 88/06/	Event # = 21743 88/06/27,17:39 Start	D0Y=179 Peak	End times		00-10					
BCS SS SS	17:37	17:39	17:40	CaPeak.c/s=19	Qual= 5	FePeak=17:38	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=817908
WSP	18:13			Wavelength=1375A		Exp #=69560	Rast=200"x200"	Step=5"	Pitch=+74"	", Yaw=+814"
Event 88/06/	# = 9081 27, 18:22			SMM Pointing:	S19E55		Pitch=+68",Yaw=	, Yaw=+801", Roll=-20deg	=-20deg	H.Ang=58deg
GOES HXRBS BCS	Start GOES 18:19 HXRBS 18:18:58 BCS 18:12	Peak 18:22 : 18:19:40 18:22	18:42 18:19:59 18:40	<pre>Importance=C3 Peakc/s=83 CaPeak.c/s=117</pre>	Qual=01 Qual= 1	Tot Cts=1531 FePeak=18:20	MaxkeV=71 FePeak.c/s=22	#Peaks=1	dt= 3.8s	XEN=817909
FCS	18:15			Wavelength=1375A	Code=00	Exp #=69561	Rast=60"x60" Rast=10"x10"	Step=10" Step=0"	cad=36.9s Pitch=+59	ı.U∠4s/p1xel ",Yaw≃+789"
Event 88/06/	Event # = 9354 88/06/27,19:57	D0Y=179	1	SMM Pointing:	S22E55		Pitch=+102", Yaw=+801"	=+801", Ro1	, Roll=-20deg	H.Ang=59deg
Optica	Start 11	reak 1	É	HaClass=SN	N14E60	AR5062	Mac.=8X0	Carr.Lon.=358deg	=358deg	H.Ang=60deg
GOES HXRBS UVSP	19:50 19:51:13 19:48	19:57 19:52:39	20:23 19:55:16	oortance=C9 akc/s=115 velength=1375	Qual=01 Qual=01 Code=00	Tot Cts=3860 Exp #=69567	=71 0"x	Flags Step=	tch=+69"	Yaw=+794"
HXRBS BCS	20:09:58 2 20:10	20:10:23	20:10:23 20:10:39 20:11 20:13		Associated Qual=01 Qual= 4	Event # = 9355 Tot Cts=235 FePeak=20:10	MaxkeV=71 FePeak.c/s=7	Flags=I #Peaks=1	dt= 7.7s	XEN=817910
	20:02			Wavelength=1375A		Exp #=69569	Rast=10"x10"	Step=0"		, Yaw=+778"
Event 88/06/	Event # = 21744 88/06/27,21:20 Start	D0Y=179 Peak	End times		5					
BCS BCS	21:20	21:20	21:26	CaPeak.c/s=36	Qual= 5 Qual= 5	FePeak=21:20	FePeak.c/s=7	#Peaks=1	dt= 7.7s fad=1 02c	XEN=817911
UVSP	21:21			Wavelength=1375A		Exp #=69572	Rast=200"x200"		.2	", Yaw=+802"
Event 88/06/	Event # = 9082 88/06/27,21:34	D0Y=179	Fnd times	SMM Pointing:	\$21E53		Pitch=+105", Yaw	, Yaw=+790", Roll=-20deg	]=-20deg	H.Ang=57deg
GOES HXRBS UVSP	21:34:43 21:22			Peakc/s=65 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=214 Exp #=69573	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+127	Pitch=+127",Yaw=+722"

Event # = 88/06/27, 84 GOES 22 BCS 22 FCS UVSP 22	27,22:53 27,22:53 Start 22:51 22:55	DOY=179 Peak 22:53 22:55	End times 22:58 22:59	Importance=C2 CaPeak.c/s=22 Wavelength=1375A	Qual=05 Qual= 5 Code=02	FePeak=22:55 Exp #=69579	FePeak.c/s=7 Rast=0"x0" Rast=200"x200"	#Peaks=1 Step=0" Step=5"	dt= 7.7s ) Cad=1.02s ] Pitch=+115",	XEN=817912 1.024s/pixel ", Yaw=+795"
Event # = 9083 88/06/27,23:04 Start Optical GOES 23:00 HXRBS 23:01:37 BCS 23:02 FCS 23:02 FCS 23:02 RX RAdio Frequen	# = 9083 27,23:04 5tart 123:00 23:01:37 23:02 22:57 Frequence	DOY=179 Peak 23:04 23:04 23:04 3y (MHz)/	End times 23:06 23:04:54 23:06 lux(sfu):	SMM Pointing: S21E53  HaClass=SN S20E49 AR5060 Importance=C7 Qual=01 Peakc/s=411 Qual=01 Tot Cts=123 CaPeak.c/s=317 Qual= 1 FePeak=23:0 Wavelength=1375A Code=00 Exp #=69580 245/130 410/270 1415/56 8800/33	\$21E53 \$20E49 Qual=01 Qual= 1 Qual= 1 Code=00	AR5060 Tot Cts=12301 FePeak=23:04 Exp #=69580	Pitch=+105", Yaw Mac.=FKC MaxkeV=161 FePeak.c/s=85 Rast=240"x240" Rast=10"x10"	=+790", Rol Carr.Lon. Flags=M5, #Peaks=1 Step=15" Step=0"	deg 3.8s 131s h=+70'	H.Ang=57deg H.Ang=53deg XEN=817913 0.512s/pixel
Event # = 9084 88/06/27,23:45 Start GOES 23:39 HXRBS 23:39:15 UVSP 23:43	= 9084 7,23:45 Start 23:39 23:39:15	D0Y=179 Peak 23:45 23:39:46	End times 23:55 23:40:22	SMM Pointing: Importance=C3 Peakc/s=72 Wavelength=1375A	\$21E52 Qual=01 Qual=01 Code=00	Tot Cts=744 Exp #=69586	Pitch=+109", Yaw=+779", Roll=-20deg MaxkeV=71 Rast=10"x10" Step=0" Pitch=+	/=+779", Rol Step=0"		H. Ang=56deg , Yaw=+766"
Event # 88/06/28 0ptical 0ptical 60ES CHARBS UNSP Radio	/ent # = 9085 8/06/28,00:03 Start ptical otical 23:55 XRBS 23:55:49 VSP 23:43 adio Frequent	# = 9085 28,00:03 D0Y=180 Start Peak Ei 11 23:55 00:03 0: 23:55:49 23:56:11 2: 23:43 Frequency(MHz)/Flu;	nd times 1:00 3:56:33 x(sfu):	SMM Pointing: HaClass=SF HaClass=SF importanc=C3 PeakC/s=92 Wavelength=1375A 606/390	88/06/28 S21E52 N14E60 S23E52 Qual=01 Code=01	8 DOY=180 AR5062 AR5060 Tot Cts=978 Exp #=69586	Pitch=+109", Yaw Mac.=DAO Maxkev=71 Rast=10"x10"	.Yaw=+779",Roll=-20de Carr.Lon.=356deg Carr.Lon.=4deg " Step=0" Pitch=	g +52"	H.Ang=56deg H.Ang=60deg H.Ang=57deg, ,Yaw=+766"
Event # = 9086 88/06/28,01:23 Start Optical GOES 01:19 HXRBS 01:19:3 ECS 01:13 FCS 01:13	# = 9086 28,01:23 Start   01:19 01:13 01:18	DOY=180 Peak 01:23 01:19:57 01:21	End times 01:27 01:20:19 01:30	SMM Pointing: HaClass=SF Importance=C2 Peakc/s=70 CaPeak.c/s=64 Wavelength=1375A	\$21E52 \$23E58 Qual=01 Qual=1 Qual= 1 Code=00	AR5060 Tot Cts=433 FePeak=01:21 Exp #=69594	Pitch=+109", Yaw Mac.=FKC Maxkev=71 FePeak.c/s=11 Rast=0"x0" Rast=10"x10"	,Yaw=+779",Roll=-20de Carr.Lon.=357deg 11 #Peaks=1 dt= 3. Step=0" Cad=1.	9 02s +55"	H.Ang=56deg H.Ang=62deg XEN=818000 1.024s/pixe1 Yaw=+759"
Event # 88/06/28 GOES HXRBS BCS FCS UVSP	# = 908/ 28,02:09 Start 02:03 02:02:56 02:03	DOY=180 Peak 02:09 02:04:43 02:03	End times 02:16 02:06:30 02:24	SMM Pointing: Importance=C4 Peakc/s=2793 CaPeak.c/s=47 Wavelength=1375A	S21E51 Qual=01 Qual=01 Qual= 5 Code=00	Tot Cts=87 FePeak=02:03 Exp #=69596	Pitch=+114", Yaw Maxkev=71 FePeak.c/s=8 Rast=0"x0" Rast=10"x10"	,Yaw=+768",Roll=-20deg Flags=M5 8 #Peaks=1 dt= 7.7 Step=0" Cad=1.0 Step=0" Pitch=+	s 25 77"	H.Ang=55deg XEN=818001 1.024s/pixe1 ,Yaw=+745"

Event # = 21746 88/06/28,02:36 Start	1746 :36 D0Y=180 t Peak	0 End times							
GOES BCS 02:35 FCS	5 02:36	02:42	CaPeak.c/s=21	Qual=00 Qual= 4	FePeak=02:36	FePeak.c/s=14	#Peaks=1	dt= 7.7s	XEN=818002
UVSP 02:36	بو		₩avelength=1375A	æ	Exp #=69600	Rast=U"xU" Rast=10"x10"	Step=0" Step=0"	Cad=1.UZS Pitch=+48",	1.024s/plxel ,Yaw=+752"
Event # = 9088 88/06/28,03:40	1088 1:40 DOY=180	+	SMM Pointing:	S21E51		Pitch=+114", Yaw	, Yaw=+768", Rol	, Roll=-20deg	H.Ang=55deg
Optical		⊒ ū	HaClass=SF	\$23E50	AR5060	Mac.=FKC	Carr.Lon.=4deg	=4deg	H.Ang=55deg
HXRBS 03:3: BCS 03:3:	03:38:06 03:38:20 03:38 03:40	20 03:38:38 03:47	Peakc/s=75 CaPeak.c/s=26	Qual=01 Qual=01 Qual= 1	Tot Cts=253 FePeak=03:40	MaxkeV=71 FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=818003
UVSP 03:40	0		Wavelength=1375A	er	Exp #=69604	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+145",	1.024s/pixel ",Yaw=+692"
Event # = 9089 88/06/28,03:56	156 DOY=180	0 Fnd +imes	SMM Pointing:	\$21E51		Pitch=+114", Yaw	, Yaw=+768", Rol	,Roll=-20deg	H.Ang=55deg
Optical GOFS 03.40		CA1.08		\$23E50	AR5060	Mac.=FKC	Carr.Lon.=4deg	=4deg	H.Ang=55deg
HXRBS 03:47 UVSP 03:54	03:47:36 03:49:11 03:54	03:52:44	Peakc/s=85 Wavelength=1375A	Qual=01 Qual=01 A Code=00	Tot Cts=4567 Exp #=69606	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+145"	", Yaw=+691"
Event # = 9090 88/06/28,04:11	090 :11 DOY=180	O Parity Parity	SMM Pointing:	S21E50		Pitch=+119", Yaw	, Yaw=+758", Rol	, Roll=-20deg	H.Ang=54deg
Optical GOFS			HaClass=SF	S21E51	AR5060	Mac.=FKC	Carr.Lon.=3deg	=3deg	H.Ang≕55deg
HXRBS 04:13	04:11:20 04:11:34 04:09	34 04:12:20	Peakc/s=68 Wavelength=1375A		Tot Cts=291 Exp #=69608	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+151",Yaw=+68	',Yaw=+685"
Event # = 9091 88/06/28,04:26	091 :26 DOY=180	0	SMM Pointing:	S21E50		Pitch=+119", Yaw	, Yaw=+758", Rol	, Roll=-20deg	H.Ang=54deg
Optical		2	HaClass=SF	N13E55	AR5062	Mac.=DAO	Carr.Lon.=359deg	=359deg	H.Ang=55deg
HXRBS 04:23:02 BCS 03:52	3:02 04:23:23 2 04:26	23 04:25:42 04:39	Peakc/s=71 CaPeak.c/s=129	Qual=01 Qual= 1	Tot Cts=1008 FePeak=04:25	MaxkeV=71 FePeak.c/s=22		dt= 7.7s	XEN=818004
UVSP 04:26	6	04.26.35 04.97.01	Wavelength=1375A	A Associated	Exp #=69610 Event # = 9092	Rast=U"XU" Rast=10"X10"	Step=0" Step=0"	Cad=4.10s 4 Pitch=+107", 	4.096s/plxel ",Yaw=+773" 
Event # = 2]				To lank	3	IIdANCV - / 1			
88/06/28,04:53 Start Ontical	:53 D0Y=180 t Peak	End times	Ha Clace=CE	C23E50	A05060	C/1	- S	,	1
GOES 04:41 BCS 05:10	1 04:53 0 05:12	05:28 06:13	Importance=M1 CaPeak.c/s=317	Qual=05 Qual= 5	Ξ	racrac FePeak.c/s=16	·_	-ouey dt= 3.8s	n.Ang=330eg XFN=818005
FCS UVSP 05:11 Radio Sweeps Radio Frequ	5:11 Geps Type/Intensity Frequency(MHz)/Flux(sfu)		Wavelength=1375A Exp #=6961 III/1 1415/360 4995/130 8800/370 15400/260	0 8800/370		Rast=0"x0" Rast=200"x200"	Step=0" Step=5"	Cad=4.10s 4 Pitch=+128",	4.096s/pixel ",Yaw=+765"
		.			****				

GOES HXRBS 05:44:09 05:44:43 05:45:18 Peakc/s=76 Qual=00 UVSP 05:43 UVSP 05:43 Radio Sweeps Radio Sweeps Radio Frequency(MHz)/Flux(sfu): 245/170 410/50 Event # = 9094 88/06/28,05:58 DOY=180 BX/06/28,05:58 DOY=180 BX/06/28,05:58 DOY=180 BX/06/28,05:58 DOY=180 BX/06/28,05:58 DOY=180 BX/06/28,05:58 DOY=180 BX/06/28,05:57 Peak BX/06/28,05:57 Peak BX/06/28,07:18 DOY=180 BX/06/28,07:18 DOX=16:23 DOX=16:25 Qual=01	0ual=00 1375A Qual=01 750 9: \$21E50	Tot Cts=528 Exp #=69616	L. V. V. J.		
DOY=180			Rast=10"x10" Step=0"	Pitch≈+39",Yaw≡+757″	,Yaw=+757"
05:58:05 05:58:41 Peakc/s=74 Wavelength=1375A Wavelength=1375A SMM Pointing: Peak End times Importance=C4 07:18 07:25 Importance=C4 07:18:07:48 CaPeak.c/s=165 07:48			Pitch=+119", Yaw=+758", R	, Roll=-20deg	H.Ang=54deg
05:58:05 05:58:41 Peakc/s=74 Wavelength=1375A D0Y=180 Peak D7:18 D7:18 D7:25 Importance=C4 D7:16:23 07:17:08 D7:18 D7:18 D7:48 CaPeak.c/s=165	LL.	AR5060	Mac.=FKC Carr.Lon.=5deg	ı.=5deg	H.Ang≕51deg
DOY=180 SMM Pointing: Peak End times 07:18 07:25 Importance=C4 07:16:23 07:17:08 Peakc/s=105 07:18 07:48 CaPeak.c/s=165		Tot Cts=497 Exp #=69617	MaxkeV=71 Rast=200"x200" Step=5"	Pitch=+130"	", Yaw=+761"
Peak End times 07:18 07:25 Importance=C4 07:16:23 07:17:08 Peakc/s=105 07:18 07:48 CaPeak.c/s=165			Pitch=+126", Yaw=+743", Roll=-20deg	oll=-20deg	H.Ang=53deg
		Tot Cts=2015 FePeak=07:17	MaxkeV=100 FePeak.c/s=32 #Peaks=2	2 dt= 7.7s	XEN=818006
HCS UVSP 07:19 Wavelength=1375A Code=02		Exp #=69624			4.0303/pixel,
Event # = 9096 88/06/28,07:40 00Y=180 SMM Pointing: S21E48 Start Peak End times			Pitch=+126", Yaw=+743", Roll=-20deg	oll=-20deg	H.Ang=53deg
07:40:00 07:40:46		Tot Cts=1144 Exp #=69626	MaxkeV=71 Rast=10"x10" Step=0"	Pitch=+148"	", Yaw≃+668"
Event # = 9097 88/06/28,07:43 DOY=180 SMM Pointing: S21E48			Pitch=+126", Yaw=+743", Roll=-20deg	oll=-20deg	H.Ang=53deg
07:43:55		Tot Cts=314 Exp #=69626	MaxkeV=71 Rast=10"x10" Step=0"	Pitch=+148	Pitch=+148",Yaw=+668"
Event # = 9098 88/06/28,08:17 DOY=180 SMM Pointing: S21E47			Pitch=+129", Yaw=+735", Roll=-20deg	oll=-20deg	H.Ang=52deg
Peak End times		AR5060	Mac.=FKC Carr.Lc	Carr.Lon.=2deg	H.Ang=54deg
UNES US:11 US:1/ US:3/ IMPORTANCE-FIZ HXRBS 08:17:22 08:23:14 08:23:33 Peakc/s=533 Qual=01 BCS 08:18 08:19 09:05 CaPeak.c/s=899 Qual= 5		Tot Cts=12716 FePeak=08:19	MaxkeV=130 Flags=M5,FS FePeak.c/s=175 #Peaks=1 dt Dast=2K".c/s" <+en=K" Ca	# 3.8s	XEN=818007
Navelength=2788A Code=00 Navelength=2788A Code=00 Radio Frequency(MHz)/Flux(sfu): 15400/86	2788A Code=00	Exp #=69627		tch=+7"	Yaw=+666"

Start Ontical	Peak	End times	HaClass=SF	N13E51	AR5062	Mac.=DA0	Carr, Lon, =Oded	-Odea	H.Ann=51dea
GOES	00.10	00.33	· d	Qual=00	Foboat -00.16		#D0346-2	7	VEN-010000
50.60 53	5	77.60	נמרכמא.נ/ איייט	t i i	rereak-09.10	rereak.c/s=/ Rast=0"x0"		cad=1.02s	AEN-010000 s 1.024s/pixel
/SP 09:15			Wavelength=2788A		Exp #=69628	Rast=180"x1"	Step=0"	Pitch=+9",	raw=+661"
Event # = 9099 88/06/28,10:00	99 00 D0Y=180	- P C L	SMM Pointing:	S21E46		Pitch=+132", Yaw=+727", Roll=-20deg	=+727", Roll	]=-20deg	H.Ang=51deg
otical		בנות רווובא	HaClass=SF	N12E53		Mac.=DAI	Carr.Lon.=358deg	=358deg	H.Ang=53deg
DES 09:55 (RBS 09:54:42 (S 09:53	10:00 :42 09:56:16 10:00	10:20 10:03:06 10:56	Importance=M3 Peakc/s=2482 CaPeak.c/s=1508	Qual=03 Qual=11 Qual= 1	Tot Cts=1.47E+5 FePeak=10:00	MaxkeV=326 FePeak.c/s=495		dt= 3.8s	XEN=818009
UVSP 09:47 Radio Sweeps Radio Frequ	9:47 Heeps Type/Intensity: Frequency(MHz)/Flux(sfu):		Wavelength=2788A C II/1 V/1 245/2900 410/190	Code=01	Exp #=69629	Rast=0 XU Rast=180"X1"	Step=0"		4.090s/plxel ,Yaw=+658"
Event # = 9100 88/06/28,10:36	1		SMM Pointing:	S21E46		Pitch=+132", Yaw=+727", Roll=-20deg	=+727", Roll	=-20deg	H.Ang=51deg
GOES 10:30 HXRBS 10:32:23 UVSP 10:48	10:36 10:36 :23 10:33:36	ena times 10:41 10:37:49	Importance=C9 Peakc/s=128 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=7389 Exp #=69630	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+13",Yaw=+653"	.Yaw=+653"
Event # = 9101 88/06/28,10:45	01 45 D0Y=180		SMM Pointing:	S21E46		Pitch=+132", Yaw	, Yaw=+727", Roll=-20deg	20deg	H.Ang=51deg
start tical			HaClass=SF	\$23E47	AR5060	Mac.=FKC	Carr.Lon.=3deg	:3deg	H.Ang=52deg
HXRBS 10:44 UVSP 10:48 Radio Frequ	10:44:22 10:45:40 10:49:58 10:48 Frequency(MHz)/Flux(sfu):		Peakc/s=185 Wavelength=2788A 8800/77	Qual=01	Tot Cts=5637 Exp #=69630	MaxkeV=130 Rast=180"x1"	Flags=M5 Step=0"	Pitch=+13",Yaw=+653"	Yaw=+653"
Event # = 9102 88/06/28,11:26	02 26 D0Y=180	- CC	SMM Pointing:	S21E46		Pitch=+132", Yaw	', Yaw=+727", Roll=-20deg	=-20deg	H.Ang=51deg
Optical Optical Optical	reak 11.06	Clid Cilids	HaClass=SF HaClass=SN	N14E50 S21E48	AR5062 AR5060	Mac.=DAO	Carr.Lon.=360deg Carr.Lon.=2deg		H.Ang=51deg H.Ang=53deg
GUES 11:22 HXRBS 11:25:41 BCS 11:26	:41 11:26:00 11:27	11:26:06 11:34:04 11:27 12:19	Importance=m3 Peakc/s=456 CaPeak.c/s=2493	Qual=04 Qual=01 Qual= 5	Tot Cts=30906 FePeak=11:27	MaxkeV=100 FePeak.c/s=546		dt= 3.8s	XEN=818010
-	1:20 Fraguency (MH+) /Flux (sfu)		Wavelength=2788A Code=00	Code=00	Exp #=69631	kast=60 x60 Rast=180"x1"	Step=10		, Yaw=+650"

Event $# = 2$	1749									
88/06/28,12:19 Start	:19 DOY= t Peak	D0Y=180 Peak	End times		0	0000	(A)	99	\$ 0 7	1. S. C.
Optical				HaClass=SF	S16E48 0.1a1=00	ARSOGO	Mac. = FKC	carr.Lon.=ideg	=1deg	H.Ang=51deg
BCS 12:10	9 12:19	0	12:30	CaPeak.c/s=115	Qual= 5	FePeak=12:19	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=818011
UVSP 12:22	2			Wavelength=2788A		Exp #=69632	Rast=180"x1"	Step=0"	Pitch=+16",	, Yaw=+644"
Event # = 9103 88/06/28,12:27 Start	1	D0Y=180 Peak	Fnd times	SMM Pointing:	S21E45		Pitch=+136", Yaw=+717",Roll=-20deg	w=+717", Rol	1=-20deg	H.Ang=51deg
GOES HXRBS 12:2 UVSP 12:2	9	_	27:38	Peakc/s=54 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=162 Exp #=69632	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+16",	, Yaw=+644"
Event # = 9 88/06/28,14	104 :00 DOY=	1		SMM Pointing:	S21E44		Pitch=+140", Ya	, Yaw=+707", Rol	, Roll=-20deg	H.Ang=50deg
Start 7 (60ES 13:55 1 HXRBS 13:53:33 1 UVSP 13:57 Radio Frequency	tart Feak Enu Lim 3:55 14:00 14:07 3:53:33 13:55:23 13:58:0 3:57 Frequency(MHz)/Flux(sfu)	reak 14:00 13:55:23 cy (MHz)/F1	. С	Importance=C5 Qual=03 Peakc/s=873 Qual=01 Wavelength=2788A Code=00 8800/190 15400/110	Qual=03 Qual=01 Code=00	Tot Cts=37690 Exp #=69634	MaxkeV=161 Rast=180"x1"	Flags=M5 Step=0"	Pitch=+20",Yaw=+636"	, Үам=+636"
Event # = 9106 88/06/28,17:06	1	D0Y=180		SMM Pointing:	S21E43		Pitch=+145", Ya	, Yaw=+697", Rol	, Roll=-20deg	H.Ang=49deg
Star Optical		<u>.</u>	ı mes	Class=1F	\$24E43	AR5060	Mac.=FKC	Carr.Lon.=4deg	=4deg	H.Ang=50deg
GOES 16:5 HXRBS 17:0 UVSP 17:0 Radio Fre	16:52 17:06 17:12 17:05:00 17:05:01 17:08:1 17:06 Frequency(MHz)/Flux(sfu)	17:06 17:12 17:05:01 17:08 :y(MHz)/Flux(sf	ω		Qual=04 Qual=01 Tot Cts A Code=02 Exp #=6 8800/94 15400/69	Tot Cts=3788 Exp #=69638 5400/69	MaxkeV=130 Rast=180"x1"	Step=0"	Pitch=+28",Yaw=+618	, Yaw≃+618"
Event # = 9107 88/06/28,18:43 Start	1	D0Y=180	Fnd times	SMM Pointing:	S19E42		Pitch=+119", Yaw=+681", Roll=-20deg	w=+681", Rol	]=-20deg	H.Ang=47deg
GOES HXRBS 18:4 UVSP 18:4		_	•	Peakc/s=167 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=808 Exp #=69640	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=+1",	, Yaw=+605"
Event # = 9 88/06/28,19	= 9105 3,19:18 DOY=	D0Y=180	7	SMM Pointing:	S19E42		Pitch=+119", Ya	, Yaw=+681", Rol	, Roll=-20deg	H.Ang=47deg
Optical		¥	בוות רוווני	HaClass=SF	S20E46	AR5060	Mac.=FKC	Carr.Lon.=360deg	=360deg	H.Ang=50deg
GVES HXRBS 19:18: UVSP 19:09 Radio Sweeps	:45 19	19:18:56 19:19 Type/Intensi	19:19:11 itensity:	Peakc/s=78 Wavelength=2788A III/1	Qual=01	Tot Cts=319 Exp #=69641	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+2",	, Yaw=+602"
Event # = 9108 88/06/28,19:23	1	D0Y=180	t bul	SMM Pointing:	S19E41		Pitch=+124", Ya	, Yaw=+670", Rol	, Roll=-20deg	H.Ang=46deg
Optical		۷.	ב ב ב	HaClass=SF	S20E46	AR5060	Mac.=FKC	Carr.Lon.=360deg	=360deg	H.Ang=50deg
HXRBS 19:23: UVSP 19:09	23:08 19:2 39	3:18	19:24:00	Peakc/s=486 Wavelength=2788A	Qual=01	Tot Cts=2721 Exp #=69641	MaxkeV=161 Rast=180"x1"	Flags≖M5 Step=0"	Pitch=+2", Yaw=+602"	Yaw=+602"

Event # = 9109 88/06/28,19:32	9 00Y=180	-	SMM Pointing:	S19E41		Pitch=+124", Yaw=+670", Roll=-20deg	w=+670", Rol	1=-20deg	H.Ang=46deg
Start Optical		end times	HaClass=SF	\$20E46	AR5060	Mac.=FKC	Carr.Lon.=359deg	=359deg	H.Ang=50deg
HXRBS 19:32:0	:01 19:32:18	8 19:32:45	Peakc/s=96 Wavelength=2788A	Qual=00	Tot Cts=774 Exp #=69641	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+2",	, Yaw=+602"
Event # = 9110 88/06/28,19:50 Start	) ) D0Y=180 Peak	End times	SMM Pointing:	S19E41		Pitch=+124", Yaw=+670", Roll=-20deg	#=+670", Rol	]=-20deg	H.Ang=46deg
GOES HXRBS 19:50:3 UVSP 20:15	_		Peakc/s=79 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=363 Exp #=69642	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+5",	, Yaw=+596"
Event # = 9111 88/06/28,20:02	1 2 DOY=180	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SMM Pointing:	S19E41		Pitch=+124", Yav	, Yaw=+670", Roll=-20deg	]=-20deg	H.Ang=46deg
Optical		Eria times	HaClass=SB	S19E45	AR5060	Mac.=FKC	Carr.Lon.=Odeg	=0deg	H.Ang=49deg
GUES 19:56 HXRBS 19:53:3 UVSP 20:15 Radio Freque	9:56 20:29 9:53:31 19:53:38 19:53:5 0:15 Frequency(MHz)/Flux(sfu)	ر د د	Importance=M2 Peakc/s=66 Wavelength=2788A 8800/81 15400/75	Ųual=02 Qual=01	Tot Cts=119 Exp #=69642	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch≖+5",	, Yaw=+596"
Event # = 9112 88/06/28,21:37	2 7 DOY=180	4	SMM Pointing:	S19E40		Pitch=+128", Yaw=+660", Roll=-20deg	w=+660", Rol	1=-20deg	H.Ang=45deg
Optical		21.40	HaClass=SF	N12E47	AR5062	Mac.=DAO	Carr.Lon.=357deg	=357deg	H.Ang=47deg
HXRBS 21:30:54 UVSP 21:31	21:3/ 21:31:1	21:48 3 21:34:29	Importance=co Peakc/s=107 Wavelength=1375A	Qual=02 Qual=01 Code=01	Tot Cts=3508 Exp #=69650	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+108"	", Үаw=+659"
Event # = 911. 88/06/28,22:3.		10 E 1	SMM Pointing:	S19E40		Pitch=+128", Yaw	, Yaw=+660", Roll=-20deg	1=-20deg	H. Ang=45deg
Start GOES 22:24 HXRBS 22:25:04 UVSP 22:30	reak 22:31 22:27:1	22:46 22:38:43 9 22:38:43	Importance=C8 Peakc/s=191 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=19726 Exp #=69654	MaxkeV=100 Rast=10"x10"	Step=0"	Pitch=+120	Pitch=+120",Yaw=+623"
Event # = 9114 88/06/28,23:09	9 DOY=180	+	SMM Pointing:	S19E39		Pitch=+132", Yav	, Yaw=+650", Roll=-20deg	1=-20deg	H.Ang=45deg
Optical		ב	HaClass=SF	N13E48	AR5062	Mac.=DAO	Carr.Lon.=355deg	=355deg	H.Ang=49deg
GUCS HXRBS 23:09:07 UVSP 23:04 Radio Sweeps Radio Frequenc	23:09:07 23:09:31 23:09:4. 23:04 Type/Intensity Frequency(MHz)/Fiux(sfu)	m	Peakc/s=59 Wavelength=1375A 111/3 V/2 245/160	Qual=01	Tot Cts=113 Exp #=69658	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+142	Pitch=+142",Yaw=+700"
Event # = 9115 88/06/28,23:21 Start	5 1 D0Y=180 Peak	End times	SMM Pointing:	\$19E39		Pitch=+132",Yaw	, Yaw=+650", Roll=-20deg	1=-20deg	H.Ang=45deg
GOES HXRBS 23:21:0 UVSP 23:20	23:21:1	9 23:2	Peakc/s≖79 Wavelength≃1375A	Qua]=00 Qua]=01	Tot Cts=144 Exp #=69660	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+147	Pitch=+147", Yaw=+698"

Event # = 9116 88/06/28,23:22 DOY=180 Start Deak	180 End + imag	SMM Pointing:	\$19E39		Pitch=+132", Yaw	, Yaw=+650", Roll=-20deg	=-20deg	H.Ang=45deg
		Peakc/s=86 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=388 Exp #=69660	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+147	Pitch=+147",Yaw=+698"
			88/06/29	9 D0Y=181				
Event # = 913/ 88/06/29,00:07 DOY=18 Start Deak	181 Fnd +imes	SMM Pointing:	S19E23		Pitch=+217", Yaw	, Yaw=+443", Roll	, Roll=-20deg	H.Ang=31deg
J. 0.03	בוות רווופ	HaClass=SF	N14E33	AR5062	Mac.=EAI	Carr.Lon.=10deg	10deg	H.Ang≕34deg
HXRBS 00:04:50 00:00	00:04:59 00:05:18	Impoliance-uz Peakc/s=58 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=201 Exp #=69662	MaxkeV=100 Rast=10"x10"	Step=0"	Pitch=+139"	", Yaw=+694"
Event # = 9117 88/06/29,00:33 DOY=181 5-art Peak	181 Fnd times	SMM Pointing:	S19E38		Pitch=+136", Yaw	, Yaw=+640", Roll	, Roll=-20deg	H.Ang=44deg
	<u> </u>	HaClass=1N	\$19E26	AR5060	Mac.=FKC	Carr.Lon.=17deg	17deg	H.Ang=34deg
HXRBS 00:28:45 00:29:22 00:30:3 UVSP 00:21 Radio Frequency(MHz)/Flux(sfu)	00:29:22 00:30:35 cy(MHz)/Flux(sfu):	Peakc/s=377 (Wavelength=1375A (245/340 410/150 26	Jual=0] Code=0( 595/75	1 Tot Cts=8179 ) Exp #=69664 4995/67 8800/67	MaxkeV=131 Rast=10"x10"	Step=0"	Pitch=+130"	", Yaw=+622"
Event # = 9118 88/06/29,00:51 DOY=181	181 End + imes	SMM Pointing:	S19E38		Pitch=+136", Yaw	, Yaw=+640", Roll	, Roll=-20deg	H.Ang=44deg
	1 01.22	HaClass=1B	\$21E41	AR5060	Mac.=FKC	Carr.Lon.=1deg	1deg	H.Ang=47deg
HXRBS 00:45:46 00:4 BCS 00:17 00:5	00:48:22 00:59:49 00:51 01:03	Importance-ris Peakc/s=4252 CaPeak.c/s=2068	Qual=01 Qual= 1	Tot Cts=3.69E+5 FePeak=00:51	MaxkeV=161 FePeak.c/s=630		dt= 3.8s	XEN=818111
0	0:50 Frequency(MHz)/Flux(sfu):	Wavelength=1375A 245/120 1415/61 3	4 Code=00 2695/85 4	Exp #=69667 4995/81 8800/170	Kast=25"x25" Rast=265"x265" 15400/170	Step=5" Step=5"		1.024s/plxe! ",Yaw=+651"
Event # = 9119 88/06/29,01:51 DOY=181 5+art Poak	181 Fnd times	SMM Pointing:	S19E38		Pitch=+136", Yaw	, Yaw=+640", Roll	, Roll=-20deg	H. Ang=44deg
	2	HaClass=SF	\$20E32	AR5060	Mac.=FKC	Carr.Lon.=10deg	10deg	H.Ang=39deg
HXRBS 01:50:34 01:51:02 01:54:09 UVSP 01:38 Radio Frequency(MHz)/Flux(sfu):	1:02 01:54:09 z)/Flux(sfu):	Peakc/s=529 Wavelength=1375A 606/510 1415/130	Qual=01 2695/61	Tot Cts=13643 Exp #=69670 4995/66	MaxkeV=161 Rast=10"x10"	Flags=M5 Step=0"	Pitch=+218"	",Yaw=+614"
Event # = 9120 88/06/29,02:14 DOY=181 Start Peak	181 Fnd times	SMM Pointing:	S19E38		Pitch=+140", Yaw	, Yaw=+630", Roll=-20deg	=-20deg	H.Ang=43deg
	į	HaClass=SF	\$25E35 0ual=00	AR5060	Mac.=FKC	Carr.Lon.=7deg	Jdeg	H.Ang=44deg
HXRBS 02:14:21 02:1- UVSP 02:11	02:14:58 02:16:49	Peakc/s=1012 Wavelength=1375A	Qual=01	Tot Cts=18875 Exp #=69674	MaxkeV=161 Rast=10"x10"	Step=0"	Pitch=+209'	Pitch=+209",Yaw=+520"
						***************************************		

88/06/29,02:19 DOY=	DOY=181	4	SMM Pointing:	S19E38		Pitch=+140", Yaw=+630", Roll=-20deg	-+630", Roll=-;		H.Ang=43deg
	<u>.</u>		HaClass=SF	\$25E35	AR5060	Mac.=FKC	Carr.Lon.=7deg		H.Ang=44deg
02:18:49 02:1 02:11	19:46	02:19:46 02:21:13	Peakc/s=104 Wavelength=1375A	Qual=01	Tot Cts=1883 Exp #=69674	MaxkeV=100 Rast=10"x10"	Step=0" Pi	tch=+209",	Pitch=+209",Yaw=+520"
Event # = 9122 88/06/29,02:21 DOY=	D0Y=181		SMM Pointing:	S19E38		Pitch=+140", Yaw=+630"	=+630", Roll=-20deg		H.Ang=43deg
	<u>~</u>	End times	HaClass=SF HaClass=SF	S25E35 N13E43	AR5060 AR5062	Mac.=FKC	Carr.Lon.=7deg Carr.Lon.=359deg		H.Ang=44deg H.Ang=44deg
02:21:48 02:2 02:11	02:21:54	02:22:24	Peakc/s=87 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=344 Exp #=69674	MaxkeV=100 Rast=10"x10"	Step=0" Pi	Pitch=+209",	,Yaw=+520"
Event # = 9123 88/06/29,05:24 DOY= Start Peak	DOY=181 Peak	End times	SMM Pointing:	S19E36		Pitch=+148", Yaw=+610", Roll=-20deg	-+610", Roll=-2		H.Ang=42deg
	05:24:23	05:2	Peakc/s=70 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=242 Exp #=69690	MaxkeV=71 Rast=10"x10"	Step=0" Pi	Pitch=+152",	, Yaw=+586"
Event # = 9124 88/06/29,05:30 DOY=18 Start Peak	-181 K	End times	SMM Pointing:	S19E36		Pitch=+148", Yaw=+610", Roll=-20deg	-+610", Roll=-2		H.Ang=42deg
	05:30:31	05:30:55	Peakc/s=56 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=250 Exp #=69690	MaxkeV=71 Rast=10"x10"	Step=0" Pi	Pitch=+152",	, Үам=+586"
Event # = 9125 88/06/29,06:40 DOY=	D0Y=181	1	SMM Pointing:	S19E36		Pitch=+148", Yaw=+610", Roll=-20deg	-+610", Roll=-2		H.Ang=42deg
	2 ي	End cilles	HaClass=SF	S18E34	AR5060	Mac.=FKC	Carr.Lon.=5deg		H.Ang=39deg
06:37 06:37	06:36:40	06:40:07	3 75A	Qual=01 Code=00	Tot Cts=4398 Exp #=69696	MaxkeV=100 Rast=10"x10"	Step=0" Pi	Pitch=+221",	, Yaw=+498"
Event # = 9126 88/06/29,07:49 DOY= C+art Deak	DOY=181	Fnd +imes	SMM Pointing:	S19E35		Pitch=+152", Yaw=+600", Roll=-20deg	:+600", Roll=-2		H.Ang=41deg
	07:49:09	6:18	Peakc/s=130 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=11295 Exp #=69701	MaxkeV=71 Rast=243"x243"	Step=3" Pi	Pitch=+163",Yaw≃+604	, Yaw=+604"
Event # = 9127 88/06/29,09:23 DOY=	DOY=181		SMM Pointing:	N02E32		Pitch=+494", Yaw=+0"	-+0", Roll=90deg		H.Ang=31deg
	reak 09:23:39	); 60	HaClass=SF Peakc/s=91 Wavelength=1375A	S18E28 Qual=01	AR5060 Tot Cts=554 Exp #=69702	Mac.=FKC MaxkeV=71 Rast=265"x265"	Carr.Lon.=10deg Step=5" Pitch	=+502"	10deg H.Ang=35deg Pitch=+502",Yaw=-336"

	Event # = 9128 88/06/29,10:33	D0Y=181		SMM Pointing:	S20E34		Pitch=+493", Yaw	Yaw=-355", Roll	, Roll=90deg	H.Ang=40deg
10:35:14   10:35:59   Peakc/s.94   Qual=02   Cts=860   Pitch=+163", Yaw=+572", Roll=-20deg   Peakc/s.95   Qual=02   Cts=860   Pitch=+163", Yaw=+572", Roll=-20deg   Peakc/s.96   Qual=02   Cts=1790   Paxkev=71   Pitch=+163", Yaw=+572", Roll=-20deg   Peakc/s.96   Qual=02   Cts=1790   Paxkev=71   Raxt=265"x265"   Step=5"   Pitch=+174   Pitch=+174   Peakc/s.95   Qual=02   Cts=1790   Pitch=+168", Yaw=+572", Roll=-20deg   Peak   Peakc/s.96   Qual=02   Cts=1790   Pitch=+168", Yaw=+572", Roll=-20deg   Peak   Peakc/s.96   Qual=02   Cts=1790   Pitch=+168", Yaw=+572", Roll=-20deg   Peak   Peakc/s.96   Qual=02   Cts=1843   Pitch=+168", Yaw=+572", Roll=-20deg   Peak   Peakc/s.113   Qual=02   Cts=1843   Pitch=+168", Yaw=+561", Roll=-20deg   Pitch=+173   Peakc/s.113   Qual=02   Cts=1843   Paxkev=72   Pitch=+173   Pitch=+17	Start	reak A	End times	HaClass=SF HaClass=SF	N13E38 S23E30	AR5062 AR5060	Mac.=DAI	Carr.Lon.= Carr.Lon.=		H.Ang=39deg H.Ang=39deg
DOY=181  12:36:24 12:37:59 PeakC/s=96 Qual=01  13:25 13:36	10:27 10:25:59 10:30	10:33 10:26:14	10:38 10:26:59	Importance=C6 Peakc/s=94 Wavelength=1375A	Qual=02 Qual=01 Code=01		MaxkeV=100 Rast=265"x265"	Step=5"	Pitch=+7",\	'aw=+13"
12:36:24   12:37:59   Peakc/s=96   Qual=01   Cts=1790   Pitch=+174	= 9129 9,12:36 Start	DOY=181 Peak	End times	Pointing	S19E33		Pitch=+163", Yaw	=+572", Rol]	l=-20deg	H.Ang=39deg
DOY=181	12:35:22 12:34			Peakc/s=96 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=1790 Exp #=69715	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=+174'	', Yaw=+576"
13:25:19   13:26   Importance=C4   Qual=O1   Tot Cts=1843   MaxkeV=71   Maxk	= 9130 9,13:32	D0Y=181		SMM Pointing	S19E32		Pitch=+168", Yaw	=+561", Rol	l=-20deg	H.Ang=38deg
13:25.19 13:26:33 Page 13:26:34 Pitch=+177 Pitch=+173 P	Start	reak o	rilles	HaClass=SF	N15E37	AR5062	Mac.=DAI	Carr.Lon.	=358deg	H. Ang=38deg
DOY=181  14:11	13:24 13:24 13:30	13:32 13:25:1	13:26:33	Importance=C4 Peakc/s=113 Wavelength=1375A		Tot Cts=1843 Exp #=69719	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=+177'	', Yaw=+570"
D0Y=181  D0Y=181  SMM Pointing: S19E31  Peak End times  Havelength=2788A Code=01 Exp #=69721 Rast=180"x1" Step=0" Cad=1.02s  14:20:44 14:21:24 Peak.c.c/s=94 Qual=01 Tot Cts=1504 MaxkeV=71  Type/Intensity: V/3  D0Y=181  D0Y=181  SMM Pointing: S19E31  Pitch=+173", Yaw=+552", Roll=-20deg  Pitch=+173", Yaw=+552", Roll=-20deg  Pitch=+173", Yaw=+552", Roll=-20deg  Pitch=+51", Yaw=+552", Roll=-20deg  Rast=180"x1" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Pitch=+51"  Boy=181  D0Y=181  D0Y=181  D0Y=181  D0Y=181  D0Y=181  D0Y=181  D1 Cts=1504 MaxkeV=71  Rast=180"x1" Step=0" Pitch=+51"  Rast=25"x25" Step=5" Cad=25.6s  Mavelength=2788A Code=00 Exp #=69723 Rast=180"x1" Step=0" Pitch=+555"	21750 29,14:12 Start 14:09 14:11	DOY=1 Peak 14:12 14:11	End times 14:15 14:14	Call	Qual=01 Qual= 5	FePeak=14:11	FePeak.c/s=8	#Peaks=1		XEN=818101
DOY=181 Peak End times Hard times 14:23 14:45 Importance=C2	13:59			Wavelength=2788A		Exp #=69721	Kast=U"XU" Rast=180"x1"	Step=0"		1.0245/p1xe1 Yaw=+484"
14:21 15:09		D0Y=181		¥S.	\$19E31		Pitch=+173", Yaw	=+552", Rol	1=-20deg	H.Ang=38deg
Type/Intensity: W/3  Type/Intensity: V/3  Type/Intensity: V/3  D0Y=181  D0Y=181  Exp #=69721 Rast=180"x1" Step=0" Cad=1.025  D0Y=181  Peak Exp #=69721 Rast=180"x1" Step=0" Cad=1.025  Pitch=+51"  D0Y=181  D0Y=181  D0Y=181  D1:37 I6:33 CaPeak.c/s=69 Qual= 5 FePeak=15:43 FePeak.c/s=10 #Peaks=1 dt= 3.8s  Rast=25"x25" Step=5" Cad=25.6s  Mavelength=2788A Code=00 Exp #=69723 Rast=180"x1" Step=0" Pitch=+55"		reak 14:23 14:20:44 14:21	Eriu Limes 14:45 14:21:24 15:09	Importance=C2 Peakc/s=94 CaPeak.c/s=51	Qual=03 Qual=01 Qual= 7	Tot Cts=1504 FePeak=14:21	MaxkeV=71 FePeak.c/s=13	#Peaks=2		XEN=818100
DOY=181 Peak End times 15:37 16:07 Importance=C2 Qual=05 15:41 16:33 CaPeak.c/s=69 Qual= 5 FePeak=15:43 FePeak.c/s=10 #Peaks=1 dt= 3.8s 15:41 16:33 CaPeak.c/s=69 Qual= 5 FePeak=15:43 Rast=25"x25" Step=5" Cad=25.6s Wavelength=2788A Code=00 Exp #=69723 Rast=180"x1" Step=0" Pitch=+55"	13:59 Weeps	Type/I		Wavelength=2788A V/3		Exp #=69721	Rast=0 x0 Rast=180"x1"	Step=0"	_	1.0245/pixel Yaw=+484"
15:37 10:07 Importence C qual= 5 FePeak=15:43 FePeak.c/s=10 #Peaks=1 dt= 3.8s 15:41 16:33 CaPeak.c/s=69 Qual= 5 FePeak=15:43 Fast=25"x25" Step=5" Cad=25.6s Wavelength=2788A Code=00 Exp #=69723 Rast=180"x1" Step=0" Pitch=+55"	f = 21751 29, 15:37 Start	Pea	End times		30-1-0.0					
4 Wavelength=2788A Code=00 Exp #=69723 Rast=180"x1" Step=0" Pitch=+55"	15:30 15:40	15:3/ 15:41	16:33		Qual= 5	FePeak=15:43	FePeak.c/s=10 Rast=25"x25"	#Peaks=1 Sten=5"	dt= 3.8s Cad=25.6s	XEN=818102 1.024s/pixel
	15:34			Wavelength=2788A	Code=00	Exp #=69723	Rast=180"x1"	Step=0"	Pitch=+55"	, Yaw=+473"

Event # = 21752 88/06/29,17:40 Start GOES BCS 17:39 FCS UVSP 18:11	1752 :40 DOY=181 t Peak 9 17:40 1	81 End times 18:11	s CaPeak.c/s=21 Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=17:40 Exp #=69726	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+79",	XEN=818103 1.024s/pixel ", Yaw=+412"
Event # = 9356 88/06/29,18:28 Start Optical GOES 18:14 HXRBS 18:13:51 BCS 18:16 FCS UVSP 18:41 Radio Sweeps	1 188 Peo	Y=181 ak End times :28 18:50 :14:03 18:14:28 :16 18:18	SMM Pointing:  HaClass=SF Importance=C6 PeakC/s=85 CaPeak.C/s=21 Wavelength=2788A	\$19E26 \$17E26 Qual=01 Qual= 5	AR5060 Tot Cts=516 FePeak=18:17 Exp #=69727	Pitch=+198", Yaw=+488"  Carr.  MaxkeV=71 Flags: FePeak.c/s=7 #Peak: Rast=0"x0" Step= Rast=180"x1" Step=	=+488",Roll=-20 Carr.Lon.=7deg Flags=1 #Peaks=1 dt= Step=0" Cad= Step=0" Pitc	deg 7.7s 1.02s h=+80	H.Ang=34deg H.Ang=32deg XEN=818104 1.024s/pixel ", Yaw=+409"
Event # = 2175 88/06/29,19:47 Start GOES 19:43 BCS 19:12 FCS 19:12	1753 :47 DOY=181 t Peak 3 19:47 2 19:48 6	81 End times 19:51 19:51	S Importance=C2 CaPeak.c/s=49 Wavelength=2788A	Qual=05 Qual= 7 Code=00	FePeak=19:48 Exp #=69728	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 3.8s Cad=1.02s Pitch=+84"	XEN=818105 1.024s/pixel ,Yaw=+401"
Event # = 9132 88/06/29,20:19 Start Optical Optical GOES 20:13 HXRBS 20:21:26 BCS 20:22 FCS 20:15	D0Y=1 Peak 20:19 20:22 20:23	.81 End times 21:16 20:32:00 21:23	Ha. Ha. Imp Pea CaP	\$19E24 \$19E27 \$13E34 \$\text{Qual} = 01 \$\text{Qual} = 02 \$\text{Qual} = 5	233	Pitch=+206", Yaw Mac.=FKC MaxkeV=131 FePeak.c/s=858 Rast=0"x0" Rast=180"x1"	'Yaw=+466",Roll=-20deg Carr.Lon.=5deg Carr.Lon.=358deg Flags=M5,I,SN 858 #Peaks=1 dt= 3.8 Step=0" Cad=4.1 Step=0" Pitch=+	=-20deg  =5deg  =358deg  I,SN  dt=3.8s  Cad=4.10s  Pitch=+85"	H. Ang=33deg H. Ang=34deg H. Ang=35deg XEN=818106 4.096s/pixe1 Yaw=+397"
Radio Frequenc HXRBS 20:34:50 HXRBS 20:55:22 UVSP 21:21	quency (MHz 4:50 20:35 5:22 20:55	Frequency(MHz)/Flux(sfu): 20:34:50 20:35:52 20:41:58 20:55:22 20:55:43 20:57:31 21:21	1415/76 2695/17 Peakc/s=547 Peakc/s=206 Wavelength=278	4995/110 Ssociated Qual=01 Ssociated Qual=01	9133 300 9134 57	MaxkeV=100 MaxkeV=100 Rast=180"x1"			
Event # = 21754 88/06/29,21:23 60ES BCS 21:23 FCS UVSP 21:21	1754 :23 D0Y=181 t Peak :3 21:23	.81 End times 3 21:26	s CaPeak.c/s=85 Wavelength=2788A	Qua]=00 Qua]= 5	FePeak=21:23 Exp #=69730	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+88",	XEN-818107 1.024s/pixel ,Yaw=+390"

Event 88/06/	# = 9135 /29, 22:19	D0Y=181		SMM Pointing:	S19E23		Pitch=+211", Yav	, Yaw=+455", Rol	, Roll=-20deq	H.Ang=32deg	1
( )		₹ 5	g d	Class=SF	\$19E25	AR5060	Mac.=FKC	Carr. Lon.	=6deg	H.Ang=33deg	
HXRBS BCS BCS	21:59:40 22:01	22:00:28 22:00:28 22:18	22:02:01 22:53	Importance=U3 Peakc/s=80 CaPeak.c/s=129	Qual=01 Qual=01 Qual= 1	Tot Cts=1956 FePeak=22:17	MaxkeV=71 FePeak.c/s=17	#Peaks=1	dt= 7.7s	XEN=818108	
UVSP	22:15			Wavelength=1375A	Code=00	Exp #=69735	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=4.10s 4 Pitch=+219",	4.096s/pixel ",Yaw=+466"	
Event 88/06/	# = 9136 /29,22:59	DOY=181	+	SMM Pointing:	S19E23		Pitch=+211", Yaw	, Yaw=+455", Rol	,Roll=-20deg	H.Ang≖32deg	ı
GOES HXRBS BCS	22:53 22:54:58 22:53	22:59 22:55:54 22:58	23:00 23:00 23:00	<pre>importance=C2 Peakc/s=98 CaPeak.c/s=75</pre>	Qual=03 Qual=01 Qual= 2	Tot Cts=2039 FePeak=22:58	MaxkeV=71 FePeak,c/s=12	#Peaks=1	dt= 7.7s	XEN=818110	
uvsP Radio	22:53 Sweeps	Type/Inte	intensity:	Wavelength=1375A V/3	Code=00	Exp #=69740	Kast=U"xU" Rast=10"x10"	Step=0" Step=0"		4.096s/pixel ",Yaw=+539"	
Event 88/06/	# = 21755 /29,23:38	6	+								I
GOES	23:30 23:33	23:38 23:37	23:58 23:51 23:51	Importance=C2 CaPeak.c/s=90	Qual=05 Qual= 1	FePeak=23:35	FePeak.c/s=16	#Peaks=1	dt= 3.8s	XEN=818109	
UVSP	23:36			Wavelength=1375A	Code=00	Exp #=69742	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=4.10s 4 Pitch=+209",	4.096s/pixel ",Yaw=+514"	
					88/06/30	0 D0Y=182					ı
Event 88/06/	# = 9138 /30,01:00 Start	DOY=182	Pod + impo	SMM Pointing:	S19E22	ı	Pitch=+221", Yaw	, Yaw=+431", Rol	, Roll=-20deg	H.Ang=31deg	1
27	al 00.55	_	10 C IIIC	Class=SF	\$18E23	AR5060	Mac.=FKC	Carr.Lon.=6deg	=6deg	H.Ang=31deg	
HXRBS BCS BCS	01:04:54 01:05	01:05:06 01:06	01:05:14	nmpol cance-cz Peakc/s=51 CaPeak.c/s=25	Qual=01 Qual= 4	Tot Cts=112 FePeak=01:05	MaxkeV=71 FePeak.c/s=8			XEN=818200	
UVSP	01:06			Wavelength=1375A	Code=02	Exp #=69749	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=+227'	1.024s/pixel ",Yaw=+445"	
Event 88/06/	# = 9139 /30,01:22	DOY=182	+ pa 1	SMM Pointing:	S19E22		Pitch=+221", Yaw=+431",	/=+431", Rol	', Roll=-20deg	H.Ang=31deg	1
GOES HXRBS UVSP	01:16 01:20:08 01:09	01:22 01:20:19	01:20:28	Importance=Cl Peakc/s=78 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=257 Exp #=69750	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+269"	, Yaw=+398"	
Event 88/06/	AC (1)	DOY=182	t .	SMM Pointing:	S19E22		Pitch=+221", Yaw=+431", Roll=-20deg	=+431", Rol	1=-20deg	H.Ang=31deg	ı
GOES HXRBS BCS	01:31 01:31:05 01:34	01:35 01:31:12 01:34	01:39 01:31:35 01:36	Importance=Cl Peakc/s=115 CaPeak.c/s=20	Qual=01 Qual=01 Qual= 4	Tot Cts=659 FePeak=01:34	MaxkeV=100 FePeak.c/s=14	#Peaks=1	dt= 7.7s	XEN=818201	
UVSP	01:26			Wavelength=1375A	Code=00	Exp #=69752	Rast=U"XU" Rast=10"x10"		cad=1.02s 1 Pitch=+190",	1.024s/p1xe1 ',Yaw=+546"	
											ı

i8/U0/30,U2:U0 Start Intical	DUT=182 Peak	End times	HaClass=SF	N13E29	AR5062	Mac.=EAI	Carr.Lon.=360deg	=360deg	H.Ang=30deg
GOES 01:57 BCS 02:02	02:06 02:03	02:49 02:08	Importance=C3 CaPeak.c/s=21	Qual=03 Qual= 4	FePeak=02:07	FePeak.c/s=8	#Peaks=1 C+on=0"	7s 02c	XEN=818202
01:59			Wavelength=1375A	Code=00	Exp #=69756	Rast=10"x10"	Step=0"		", Yaw=+537"
Event # = 9141 88/06/30,02:39 Start	DOY=182 Peak	End times	SMM Pointing:	S19E21		Pitch=+224", Yaw=+421", Roll=-20deg	=+421", Rol	]≖-20deg	H.Ang=30deg
GOES HXRBS 02:39:02 UVSP 02:39	02:39:28	02:39:50	Peakc/s=78 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=548 Exp #=69757	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=+231	Pitch=+231",Yaw=+434"
Event # = 21772 88/06/30,02:41 Start GOES 02:41	D0Y=182 Peak 02:41	End times 02:42	CaPeak.c/s=19	Qua]=00 Qua]= 5	FePeak=02:41	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=818203
02:39			Wavelength=1375A		Exp #=69757	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=+231"	1.024s/pixel ", Yaw=+434"
# = 9142 /30,04:19	00Y=182	+ P C L	SMM Pointing:	S19E20		Pitch=+228", Yaw	, Yaw=+409", Rol	, Roll=-20deg	H.Ang=30deg
GOES 04:11 ( HXRBS 04:18:40 ( UVSP 04:18	eak 14:19 14:18:50	24:27 24:19:00	Importance=Cl Peakc/s=106 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=345 Exp #=69766	MaxkeV=100 Rast=10"x10"	Step=0"	Pitch=+298	Pitch=+298",Yaw=+354"
Event # = 9143 88/06/30,05:03	D0Y=182		SMM Pointing:	S19E20		Pitch=+228", Yaw	, Yaw=+409", Rol	, Roll=-20deg	H.Ang=30deg
Start al		End times	HaClass=SF	N13E30		Mac.=EKI	Carr.Lon.=357deg	=357deg	H.Ang=31deg
GUES 05:01 HXRBS 05:04:04 UVSP 04:52	05:04:15	05:04:34	Importance-ci Peakc/s=61 Wavelength=1375A	Qual=01 Code=00	Tot Cts=252 Exp #=69770	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+215"	", Yaw=+470"
Event # = 9145 88/06/30,07:55	D0Y=182	- + + + + + + + + + + + + + + + + + + +	SMM Pointing:	S19E18		Pitch=+239", Yaw=+384", Roll=-20deg	/=+384", Rol	1=-20deg	H.Ang=29deg
GOES HXRBS 07:55:29 UVSP 07:45		07:56:10	Peakc/s=63 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=192 Exp #=69776	MaxkeV=71 Rast=40"x40"	Step=5"	Pitch=+240	Pitch=+240",Yaw=+354"
# = 9144 3/30,07:56	00Y=182	+	SMM Pointing:	S19E18		Pitch=+239", Yaw=+384", Roll=-20deg	/=+384", Rol	1=-20deg	H.Ang=29deg
Start GOES 07:52 ( HXRBS 07:54:25 ( UVSP 07:45	7:56 7:54:40	07:59 07:59 07:55:00	Importance=C1 (Peakc/s=69 (Wayelength=13754)	Qual=01 Qual=01 Code=00	Tot Cts=128	MaxkeV=71 Dast=40"x40"	Sten=5"	Di+ch=+240	Ditch=+240" Vaw=+354"

Event 88/06/	Event # = 9146 88/06/30,08:28	DOY=182		SMM Pointing:	S19E18		Pitch=+239", Yaw	, Yaw=+384", Rol	, Roll=-20deg	H. Ang=29deg	l
Optica	start 1	reak		HaClass=SN	\$22E17	AR5060	Mac.=FKC	Carr. Lon. =8deg	=8deg	H. Ang=30deg	
GOES HXRBS BCS CS	08:20 08:19:32 07:56	08:28 08:21:47 08:23	09:01 08:24:35 08:25	Importance=C6 Peakc/s=473 CaPeak.c/s=236	Qual=02 Qual=01 Qual= 1	Tot Cts=25096 FePeak=08:23	MaxkeV=100 FePeak.c/s=52		dt= 7.7s	XEN=818204	
UVSP Radio	07:45 Frequen	cy (MHz)/F	07:45 Frequency(MHz)/Flux(sfu):	Wavelength=1375A Code=00 2695/28 4995/74 8800/100		Exp #=69776 15400/30	Kast=0"xU" Rast=40"x40"	Step=0" Step=5"	Cad=1.02s I. Pitch=+240",	1.024s/pixel ",Yaw=+354"	
Event 88/06/ 60ES	Event # = 21757 88/06/30,09:30 Start GOES 09:28 BCS 08:56	D0Y=182 Peak 09:30	End times 09:37	Importance=C1	Qual=01	FoDost = 00 · 31	7/2 /2000		7 1 70	VENLO1020K	
FCS UVSP Radio	09:28 Frequence		lux(sfu):			Exp #=69778	Rast=0"x0" Rast=10"x10"		Cad=1.02s 1 Pitch=+163",	1.024s/pixel ", Yaw=+415"	
Event 88/06/	Event # = 21758 88/06/30,10:30 Start	DOY=182 Peak	End times								ļ
800 800 800 800 800 800 800 800 800 800	10:23	10:32 10:32	11:09 11:26	Importance=C2 CaPeak.c/s=75	Qua =04 Qua = 4	FePeak=10:31	FePeak.c/s=15 Ract=0"x0"	#Peaks=2 Sten=0"	dt= 7.7s X Cad=1.02c 1	XEN=818206	
UVSP	10:31			Wavelength=1375A	Code=02	Exp #=69782	Rast=265"x265"		Pitch=+254	', Yaw=+375"	
Event 88/06/	Event # = 9361 88/06/30,12:58 Start	D0Y=182 Peak	End times		S19E16		Pitch=+251", Yaw	, Yaw=+350", Roll	, Roll=-20deg	H.Ang=27deg	
Optica GOES		12:58	13:42	HaClass=SF Importance=C4	\$14E18 Qual=03	AR5060	Mac.=FKC	Carr.Lon.=5deg	=5deg	H.Ang=25deg	
HXRBS BCS FCS	12:50:50 12:51	12:52:04 12:57	12:57:05 13:07	Peakc/s=243 CaPeak.c/s=281	Qual=01 Qual= 1	Tot Cts=17100 FePeak=12:55	MaxkeV=100 FePeak.c/s=46		I dt= 7.7s X	XEN=818207	
UVSP Radio	12:46 Frequenc	12:46 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=1375A 15400/140	Code=00	Exp #=69791	Rast=10"x10"	Step=0"	cad=1.028 Pitch=+262	1.0245/pixel ,Yaw=+281"	
Event 88/06/	Event # = 9147 88/06/30,14:39	DOY=182	Fnd +imeo	SMM Pointing:	S19E15		Pitch=+256", Yaw=+337", Roll=-20deg	=+337", Roll	]=-20deg	H.Ang=27deg	1
Optica	] 14 · 33	14.30	14.46		\$21E16	AR5060	Mac.=FKC	Carr.Lon.=6deg	=6deg	H.Ang=29deg	
HXRBS BCS BCS	14:35:04 14:37	14:35:04 14:38:22 14:37 14:40	14:39:42 14:41	Peakc/s=271 CaPeak.c/s=147	Qual=01 Qual= 1	Tot Cts=6247 FePeak=14:40	MaxkeV=131 FePeak.c/s=28		dt= 7.7s	XEN=818208	
rCS UVSP Radio	14:37 Frequenc	14:37 Frequency(MHz)/Flux(sfu)	·lux(sfu):	Wavelength=1375A 410/240 606/550	Code=00	Exp #=69798	Kast=U.XU Rast=265"x265"	Step=5"		1.0∠4s/plxe: ",Yaw=+343"	
HXRBS	14:40:15	14:40:26	101	kc/s=189	Associated Qual=01	Event # = 9148 Tot Cts=1358	MaxkeV=100	Flags=M5	1 1 1 1	f f f f f f f f f f f f f f f f f f f	r

Event # = 21759 88/06/30,15:32 Start	D0Y=182 Peak	End times							
GOES 15:29 BCS 15:31	15:32 15:31	15:36 16:03	Importance=Cl CaPeak.c/s=19	Qual=03 Qual= 2	FePeak=15:31	FePeak. c/s=7	#Peaks=1	dt= 7.7s	XEN=818209
P 15:04			Wavelength=2788A		Exp #=69800	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+140'	Cad=1.0Zs 1.0Z4s/p1xel Pitch=+140",Yaw=+258"
nt # = 9149 06/30,17:29	D0Y=182		SMM Pointing:	S19E13		Pitch=+266", Yaw=+315", Roll=-20deg	w=+315", Rol	1=-20deg	H.Ang=26deg
GOES 16:37 HXRBS 16:37 BCS 16:46:50	17:29 16:47:20 16:49	17:35 16:48:00 17:49	Importance=C1 Peakc/s=68 CaPeak.c/s=37	Qual=01 Qual=01 Qual= 4	Tot Cts=657 FePeak=16:47	MaxkeV=71 FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=818210
P 17:43			Wavelength≖2788A		Exp #=69803	kast=0"x0" Rast=180"x1"	Step=0" Step=0"		1.024s/p1xe! ",Yaw=+238"
Event # = 9150 88/06/30,17:41 Start	DOY=182 Peak	End times	SMM Pointing:	S19E13		Pitch=+266", Yaw	, Yaw=+315", Roll	, Roll=-20deg	H.Ang=26deg
Optical			HaClass=SF	S21E17	AR5060	Mac.=FKC	Carr.Lon.=3deg	=3deg	H.Ang=29deg
, <u> </u>	17:39:33 17:41:01 17:42:3 17:43 Frequency(MHz)/Flux(sfu)	٠٠ ٠٠	Peakc/s=63 Wavelength=2788A 245/270 410/92	Qual=00 Qual=01	Tot Cts=1112 Exp #=69803	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=+148'	Pitch=+148",Yaw=+238"
Event # = 21760 88/06/30,18:08 Start	DOY=182 Peak	End times							
Optical GOES 17:51	$\infty$			S18E14 Oual=05	AR5060	Mac.=FKC	Carr.Lon.=6deg	=6deg	H.Ang=25deg
18:20	18:20	18:40	CaPeak.c/s=53	Qual= 5	FePeak=18:23	FePeak.c/s=7	_	dt= 7.7s X	XEN=818211
18:13			Wavelength=2788A	Code=02	Exp #=69804	Rast=180"x1"	Step=0"	cau=1.025 Pitch=+149"	1.0245/pixel ', Yaw=+234"
0	DOY=182	1	SMM Pointing:	S19E12		Pitch=+271", Yaw=+302", Roll=-20deg	#=+302", Rol]	1=-20deg	H.Ang=25deg
GOES 18:44 HXRBS 18:45:36 UVSP 18:42	18:46 18:45:53	End times 18:50 18:46:12	Importance=Cl Peakc/s=66 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=262 Exp #=69809	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+296",Yaw=+286"	', Yaw=+286"
t # = 21761 5/30,23:09 Start 23:05	DOY=182 Peak 23:09	End times 23:15	Importançe=C1	Qua]=01		-			
6CS 23:08 FCS UVSP 23:06	73:08	7	ak.c/s=20  ength=1375A	Qual≈ 4 Code=00	FePeak=23:08 Exp #=69831	rePeak.c/s=6 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= /./s X Cad=1.02s 1 Pitch=+254",	XEN=818212 1.024s/pixel ',Yaw=+332"

30 ** 23 ** 23 **	Event # = 21762 88/06/30,23:26 Start GOES 23:16 BCS 23:25	DOY=182 Peak 23:26 23:27	End times 23:33 23:33	Importance=C1 Cabeak.c/s=20	Qual=01 Qual= 4	FePeak=23:27	FePeak.c/s=11		dt= 7.7s	XEN=818213
23	:24			Wavelength=1375A	Code=00	Exp #=69833	Rast=0.x0" Rast=10"x10"	Step=0" Step=0"	cad=1.02s 1 Pitch=+265",	1.024s/plxel ",Yaw=+330"
					88/0//0	1 D0Y=183				
Event # = 88/07/01,0	t # = 9152 7/01,00:03 Start	DOY=183	End +imac	SMM Pointing:	S19E10		Pitch=+285",Ya	,Yaw=+265",Rol	,Roll=-20deg	H.Ang=24deg
ار اقا ح		7 can		HaClass#SF	N13E16	AR5062	Mac.=EKI	Carr.Lon.=Odeg	=0deg	H.Ang=19deg
HXRBS 00 UVSP 23 Radio F	00:00 00:00:28 23:56 Frequenc	0:00 0:00:28 00:00:40 00:00:50 3:56 Frequency(MHz)/Flux(sfu)	<b>ω</b>	importance=Li Peakc/s=56 Wavelength=1375A 245/280	Qual=01 Qual=01 Code=00	Tot Cts=193 Exp #=69837	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+266	Pitch=+266",Yaw=+230"
Event # = 88/07/01,	1	DOY=183	+ PG	SMM Pointing:	S19E09		Pitch=+290", Yaw=+253", Roll=-20deg	4=+253", Rol	1=-20deg	H.Ang=24deg
GOES 00 HXRBS 00 UVSP 00	Start 00:43 S 00:51:13 00:41	00:50 00:50 00:51:19	00:58 00:58 00:51:25	Importance=Cl Peakc/s=77 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=112 Exp #=69839	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+314	Pitch=+314",Yaw=+244"
Event # = 88/07/01, St. GOES 01	t # = 21763 7/01,01:32 Start 01:29	DOY=183 Peak 01:32	End times 01:39	Importance=Cl	Qua = 01	FoDoak=01.31	Cellad V C/s=7	#Dooks=1	7 7 2	XEN=818300
01	:32					Exp #=69845	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=+271	1.024s/pixel ", Yaw=+363"
/01,	Event # = 9154 88/07/01,02:19	D0Y=183	10 mm	SMM Pointing:	S19E08		Pitch=+294", Ya	, Yaw=+242", Rol	, Roll=-20deg	H.Ang=24deg
al y		reak	בוות רווובא	HaClass=SF	\$20E11	AR5060	Mac.=FKC	Carr.Lon.=4deg	=4deg	H.Ang=25deg
HXRBS 02 BCS 02	02:15:23 02:19:23	02:17:02 02:17:02 02:19	2 02:17:23 02:23	Importance-ci Peakc/s=58 CaPeak.c/s=19	Qual=01 Qual=01 Qual= 4	Tot Cts=671 FePeak=02:19	MaxkeV=100 FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=818301
05	:15			Wavelength=1375A	Code=00	Exp #=69847	Kast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+283",	1.024s/p1xel ",Yaw=+257"
Event # = 88/07/01,		DOY=183		SMM Pointing:	S19E08		Pitch=+294", Yaw=+242", Roll=-20deg	#=+242", Rol	1=-20deg	H.Ang=24deg
GOES 02 HXRBS 02 UVSP 02 Radio Swe	02:49 02:52:09 02:49 02:49	88	03:00 02:52:57 tensity:	Importance=89 (Peakc/s=75 (Wavelength=1375A III/1	Qual=01 Qual=01 Code=00	Tot Cts=429 Exp #=69851	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+329	Pitch=+329", Yaw=+217"
										New York Control of the Control of t

Event 88/07/	# = 9156 $01,04:01$	D0Y=183		SMM Pointing:	S19E07		Pitch=+298", Yaw=+229", Roll=-20deg	=+229", Rol	1=-20deg	H.Ang=23deg
GOES HXRBS BCS BCS	Start 60ES 04:00 (CES 04:02 (CES	Peak 04:01 04:01:08 04:02	End times 04:08 04:01:32 04:04	Importance=C1 Peakc/s=78 CaPeak.c/s=21	Qual=01 Qual=01 Qual= 4	Tot Cts=276 FePeak=04:03	MaxkeV=71 FePeak.c/s=10	#Peaks=1	dt= 7.7s X	XEN=818302
UVSP	03:49			Wavelength=1375A	Code=00	Exp #=69855	Rast=10"x10"		pitch=+233	1.0245/ PIXET ", Yaw=+265"
Event 88/07// 60ES BCS	t # = 21764 7/01,04:14 Start 04:10 04:13	DOY=183 Peak 04:14 04:14	End times 04:16 04:17	Importance=C1 CaPeak.c/s=23	Qua]=01 Qua]= 4	FePeak=04:14	FePeak, c/s=16	#Peaks=1	dt= 7.7s	XEN=818304
UVSP	04:06			Wavelength=1375A	Code=00	Exp #=69857	Kast=U"xU" Rast=10"x10"		Cad=1.02s 1 Pitch=+233",	1.024s/p1xel ",Yaw=+262"
Event 88/07/	# = 9157 01,04:23	D0Y=183	100	SMM Pointing:	S19E07		Pitch=+298", Yaw=+229", Roll=-20deg	=+229", Rol	1=-20deg	H.Ang=23deg
GOES HXRBS UVSP	3. 04:16 35 04:18:07 0	04:18:28	end Cilles 04:24 04:18:49	Importance=C2 Peakc/s=70 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=421 Exp #=69859	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+234	Pitch=+234",Yaw=+260"
Event 88/07/	Event # = 9158 88/07/01,04:27	D0Y=183	1	SMM Pointing:	S19E07		Pitch=+298", Yaw	, Yaw=+229", Roll	, Roll=-20deg	H.Ang=23deg
Optica		reak	End times	HaClass=1F	\$20E11	AR5060	Mac.=FKC	Carr.Lon.=3deg	=3deg	H.Ang=25deg
HXRBS BCS	04:26:12 04:18	04:26:28 04:27	04:27:23 04:39	Importance-cz Peakc/s=101 CaPeak.c/s=56	Qua]=01 Qua]=01 Qua]= 1	Tot Cts=920 FePeak=04:27	MaxkeV=71 FePeak.c/s=14	01	dt= 7.7s	XEN=818303
FCS UVSP	04:22			₩avelength=1375A	Code=00	Exp #=69859	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+234",	1.024s/pixel ",Yaw=+260"
Event 88/07/	Event # = 9159 88/07/01,04:35	DOY=183		SMM Pointing:	S19E07		Pitch=+298", Yaw=+229",	=+229", Rol	, Roll=-20deg	H.Ang=23deg
Optica		reak 04.25	בוות רוווב?	HaClass=1F	\$20E11	AR5060	Mac.=FKC	Carr.Lon.=3deg	=3deg	H.Ang=25deg
HXRBS UVSP	04:22 04:22	04:35:35	04:35:48	Peakc/s=59 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=315 Exp #=69859	MaxkeV=100 Rast=10"x10"	Step=0"	Pitch=+234"	", Yaw=+260"
Event 88/07/	Event # = 21765 88/07/01,05:06 Start	D0Y=183 Peak	End times	1						
Optica GOES	.1 04:56	05:0	05:40		S20E10 0ual=05	AR5060	Mac.=FKC	Carr.Lon.=4deg	=4deg	H.Ang=25deg
ESS F	05:19	05:19	05:27	CaPeak.c/s=59	Qual= 5	FePeak=05:20	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s X Cad=1.02s 1	XEN=818305 1.024s/nixe1
UVSP (	05:19 Frequency(MHz)/Flux(sfu)	:y (MHz)/F	lux(sfu):	Wavelength=1375A 15400/56		Exp #=69862	Rast=265"x265"		Pitch=+310	", Yaw=+229"
								4		

3			-	SMM Pointing:	S19E06		Pitch=+303", Yaw=+217", Roll=-20deg	=+217", Roll	1=-20deg	H.Ang=23deg
GOES HXRBS UVSP	Start 05:42 S 05:47:35 05:39	Peak 05:48 05:48:02	End times 05:55 05:48:21	Importance=Cl Peakc/s=70 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=238 Exp #=69865	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+383",Yaw≃+185	', Yaw=+185"
Event 88/07/0	# = 21766 01,08:49 Start 08:28 08:58	DOY=183 Peak 08:49 09:00	End times 09:06 09:30	HaClass=2F Importance=C7 CaPeak.c/s=36	\$22¥10 Qua1=05 Qua1= 5	AR5060 FePeak=09:00	Mac.=FKC FePeak.c/s=15	Carr.Lon.	78	H.Ang=27deg XEN=818306
uvsp Radio	08:54 Frequent	08:54 Frequency(MHz)/Flux(sfu)		Wavelength=2788A Code=02 410/70	Code=02	Exp #=69876	Rast=15"x15"	Step=3"	Pitch=+321"	1.0245/PIXE1
Event 88/07/	# = 9161 01,10:41	D0Y=183	1 (	SMM Pointing:	S19E04		Pitch=+316", Yaw=+179", Roll=-20deg	=+179", Rol	1=-20deg	H. Ang=23deg
GOES HXRBS UVSP	Start 10:40 S 10:40:44 10:58	reak 10:41 10:40:54	10:41:08	Importance=Cl Peakc/s=91 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=309 Exp #=69879	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=+198",Yaw=+102"	', Yaw=+102"
Event 88/07/	t # = 21767 7/01,12:34 Start	DOY=	End times		10					
BCS BCS	12:31 12:33	12:34 12:33	12:39 12:35	Importance=Ul CaPeak.c/s=20	Qual=01 Qual= 4	FePeak=12:33	FePeak.c/s=7		dt= 7.7s X	XEN=818307
UVSP	12:33			Wavelength=2788A	Code=00	Exp #=69881	Rast=180"x1"	Step=0"	Pitch=+203"	1.0643/PIACE
Event 88/07/	t # = 21768 7/01,14:02 Start	D0Y=183 Peak	End times							
BCS BCS BCS	13:59 14:00	14:02 14:02	14:07 14:11	Importance=Cl CaPeak.c/s=36	Qual=01 Qual= 1	FePeak=14:02	FePeak.c/s=8	_	dt= 7.7s X	XEN=818308
WSP WSP	14:06			Wavelength=2788A	Code=02	Exp #=69883	kast=U.xU. Rast=180"x1"	Step=0"	cad=1.02s Pitch=+208"	1.0245/ptxel ',Yaw=+76"
Event 88/07/	t # = 9162 7/01,15:46 Start	DOY=183	Fnd times	SMM Pointing:	S19E01		Pitch=+332", Yaw=+143", Roll=-20deg	=+143", Rol	]=-20deg	H.Ang=22deg
GOES HXRBS BCS	15:41:55 14:54		15.5	Peakc/s=74 CaPeak.c/s=70	Qual=00 Qual=01 Qual= 1	Tot Cts=1917 FePeak=15:46	MaxkeV=71 FePeak.c/s=13		dt= 7.7s	XEN=818309
WSP WSP	15:41			Wavelength=2788A		Exp #=69885	Kast=U"XU" Rast=180"x1"	Step=0" Step=0"	cad=1.02s 1 Pitch=+213",	1.024s/pixel ", Yaw=+65"

Optical GOES 15:47 15:55 16:10 GOES 16:18 16:18 16:34 FCS 16:18 16:18 16:34 UVSP 15:41 Radio Frequency(MHz)/Flux(sfu) Event # = 9163 88/07/01,21:13 00v=183 Start Peak End time Optical GOES 21:05 21:13 21:27 GOES 21:05 21:13 21:27	15 16:10 8 16:34				AKSUPU				
CS 16:18 16:18 CS 18:18 16:18 NSP 15:41 adio Frequency(MH Vent # = 9163 18/07/01,21:13 DOY= Start Peak ptical OES 21:05 21:10	.8 16:34		Importance=C6	0ual=05		MAC. = FKL	Carr.Lon.=3deg		H.Ang≖∠4aeg
adio Frequency(MH vent # = 9163 8/07/01,21:13 D0Y= Start Peak ptical 0ES 21:05 21:11			Cabeak.c/s=60	Qual= 5	FePeak=16:18	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s Cad=1.02s	XEN=818310
8/07/01,21:13 D0Y= 8/07/01,21:13 D0Y= Start Peak ptical 0ES 21:05 21:10	z)/Flux(sfı		Wavelength=2788A Code=01 Exp #=69885 245/100 4995/54 8800/60 15400/57	Code=01 8800/60 1!	Exp #=69885 5400/57	Rast=180"x1"	Step=0"	Pitch=+213'	, Yaw=+65"
-	183	8	SMM Pointing:	S19W02		Pitch=+350", Yaw	, Yaw=+93", Roll:	, Roll=-20deg	H.Ang=23deg
21:05	ביום ניני	S E	HaClass=SF	\$20W08	AR5060	Mac.=FKC	Carr.Lon.=13deg	=13deg	H.Ang=24deg
21:07	11 21:16 21:22 21:22	13	Importance-cz Peakc/s=132 CaPeak.c/s=64	Qual=01 Qual=01 Qual= 1	Tot Cts=40000 FePeak=21:11	MaxkeV=161 FePeak.c/s=16	Flags=M5,ND #Peaks=1 d	ND dt= 7.7s	XEN=818311
UVSP 21:03 Type/Intensity Radio Sweeps Type/Intensity Dadio Engalogy(MU4)/Flux(sfi)	pe/Intensit		Wavelength=1375A C V/3 275/A60 410/100 60	Code=00 17	Code=00 Exp #=69911		Step=0" Step=0"	.ad=1.028 Pitch=+264"	1.0245/pixei ,Yaw=+27"
ממוכל בו באמבווכל לוווו	115) 481 1 // 71		001/011 001/013	000/ 250 1		/00tc1 011/0000			
Event # = 9164 88/07/01,21:37 D0Y=18	83		SMM Pointing:	S19W02		Pitch=+350", Yaw=+93"	/=+93", Roll	', Roll=-20deg	H.Ang=23deg
2 3	2 7	_		\$25W07	AR5060	Mac.=FKC	Carr.Lon.=12deg	=12deg	H.Ang=29deg
GOES 21:35 21:37 HXRBS 21:35:46 21:36: BCS 21:36 21:37	21:48 07 21:36 21:39	:29	Importance=C2 Peakc/s=130 CaPeak.c/s=71	Qual=01 Qual=01 Qual= 1	Tot Cts=1189 FePeak=21:36	MaxkeV=71 FePeak.c/s=16	_	dt= 7.7s	XEN=818312
CS VSP 21:36			Wavelength=1375A	Oode=00	Exp #=69915	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+396",	1.024s/pixel ",Yaw=+168"
Event # = 9166 88/07/01,23:33 DOY=18	33		SMM Pointing:	S19W03		Pitch=+355", Yaw	, Yaw=+80", Roll	, Roll=-20deg	H.Ang=23deg
	22.42		HaClass=SN	S14W06	AR5060	Mac.=FKC	Carr.Lon.=10deg	=10deg	H.Ang=18deg
HXRBS 23:11:00 23:13: HXRBS 23:11:00 23:11: BCS 23:06 23:32	51 23:12 23:37	20	Importance-cz Peakc/s=250 CaPeak.c/s=44	Qual=01 Qual=01 Qual= 1	Tot Cts=3316 FePeak=23:32	MaxkeV=161 FePeak.c/s=10	#Peaks=3	dt= 7.7s	XEN=818313
	,;		Wavelength=1375A	Code=00	Exp #=69925	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+451"	1.024s/p1xe! ,Yaw=+54"
sweeps Frequenc	pe/intensi z)/Flux(sfu		245/78 410/310 606	06/220 499	606/220 4995/63 8800/76				
23:04:40 22:54	23:06:11 23:06:	53.	Peakc/s=74 Wavelength=137	Associated Qual=01 5A	Event # - 9103 Tot Cts=969 Exp #=69921	MaxkeV=71 Rast=180"x1"	ep=0"	ىد	, Yaw=+58"
HXRBS 23:15:48 23:10 UVSP 23:11	23:16:42 23:17:	. 28 . 23:	eakc/s=97 Wavelength=137	Associated Qual=01 5A	Tot Cts= Exp #=69	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+450"	, , Yaw=+6"

				88/01/02	2 D0Y=184	anders den sie den den den den den den den den den de			
Event # = 9168 88/07/02,01:03	68 03 DOY=184		SMM Pointing:	S19W04		Pitch=+359", Yaw	,Yaw=+68",Roll=-20deg	=-20deg	H.Ang≈23deg
Start Intical		End times	Ha. Class=2N	90M02S	AR5060	Mac.=FKC	Carr, I on, =9deg	=9dea	H. Ang=24den
GOES 00:45 HXRBS 00:44: BCS 00:43	.28 01:01:09 01:02:01:09	01:35 01:10:55 01:11	Importance=M3 Peakc/s=201 CaPeak.c/s=1190	Qual=01 Qual=03 Qual= 1	Tot Cts=80395 FePeak=01:02	MaxkeV=100 FePeak.c/s=418	Flags=EN #Peaks=1	dt= 7.7s	XEN=818411
0 <u>3</u>	1:01 eeps Type/Intensity Frequency(MHz)/Flux(sfu)	Intensity: Flux(sfu):	Wavelength=1375A Code=00 111/2 245/410 410/170 606/94	Code=00 506/94	Exp #=69933	kast=U~XU" Rast=180"X1"	Step=0"	cad= b888 Pitch=+381	cad= b88s - b87.98/plxel Pitch=+381",Yaw=+21"
Event # = 21770 88/07/02,01:42 Start GOES 01:42	770 42 D0Y=184 Peak 01:42	End times 02:44	CaPeak.c/s=48	Qua]=00 Qua]= 5	FePeak=01:43	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=818400
CS IVSP 01:44	_		Wavelength=1375A		Exp #=69934	Rast=0"x0" Rast=435"x256"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+371",	1.024s/pixel ',Yaw=+112"
Event # = 9172 88/07/02,02:06	72 06 DOY=184	י ספיי ספיי ספיי	SMM Pointing:	S19W05		Pitch=+363", Yaw=+55", Roll=-20deg	/=+55", Roll	=-20deg	H.Ang=23deg
GOES JUNION GOES OCTION GOES O			Peakc/s=70 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=234 Exp #=69937	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+458	Pitch=+458",Yaw=+118"
Event # = 9169 88/07/02,03:54 Start	.69 54 DOY=184 Peak	End times	SMM Pointing:	S19W06		Pitch=+369", Yav	', Yaw=+42", Roll=-20deg	=-20deg	H.Ang=23deg
GOES HXRBS 03:54: UVSP 03:54		_	Peakc/s=68 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=94 Exp #=69947	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+429	Pitch=+429",Yaw=+148"
Event # = 9170 88/07/02,03:57	1		SMM Pointing:	S19W06		Pitch=+369", Yaw=+42", Roll=-20deg	#=+42", Roll	=-20deg	H.Ang=23deg
GOES 03:36 HXRBS 03:56: BCS 03:57	03:57 03:57 03:56:3 03:57	04:00 03:56:48 03:59	Importance=C2 Peakc/s=71 CaPeak.c/s=24	Qual=01 Qual=01 Qual= 1	Tot Cts=280 FePeak=03:57	MaxkeV=71 FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=818401
.USP 03:54	_		Wavelength=1375A	Code=00	Exp #=69947	kast=U.xU. Rast=180"x1"	Step=0"	cad=1.02s 1 Pitch=+429",	1.0245/p1xel ', Yaw=+148"
Event # = 9173 88/07/02,04:17	.73 .17 DOY=184	Fod + impo	SMM Pointing:	S19W06		Pitch=+369", Yaw=+42", Roll=-20deg	r=+42", Roll	=-20deg	H.Ang=23deg
GOES HXRBS 04:16:38 UVSP 04:09	<u>∞</u>		Peakc/s=52 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=426 Exp #=69949	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+320",Yaw=-29"	', Yaw=-29"

End times  End times  SMM Pointing: S19W07  End times  For tcs=154  Wavelength=1375A Code=00 Exp #=69951  O7:09  Importance=C4  O6:58  O7:27  Wavelength=2788A Code=00 Exp #=69959  Ilux(sfu): 245/190 410/130 606/270 2695/61 8800/30 15-724  End times  SMM Pointing: S19W1  End times  SMM Pointing: S19W1  End times  SMM Pointing: S19W1  SMM Pointing: S19W1  End times  SMM Pointing: S19W1  SMM Pointing: S19W1  SMM Pointing: S19W1  End times   /ent # 3/07/02	= 9174 ,04:58	D0Y=184		SMM Pointing:	S19W06		Pitch=+373", Yaw=+30", Roll=-20deg	#=+30", Roll	=-20deg	H.Ang=23deg	
DOY=184         SMM         Pointing:         S19W07         Pitch=-112", Yaw=-360", Roll=90deg           Peak         End times         SMM Pointing:         \$228M3         A85060         Mac.=FKC         Carr.Lon.=12deg           06:49         07:09         Importance=C4         Qual=01         Total=01         Total=01         Total=04           06:49         07:09         Importance=C4         Qual=01         Total=06:47         Rast=243"x243"         Step=3"         Pitch=-106           YMH2)/Flux(sfu):         245/190 410/130 606/270 2695/61 8800/30 15400/23         Rast=243"x243"         Step=3"         Pitch=-106           VMH2)/Flux(sfu):         245/190 410/130 606/270 2695/61 8800/30 15400/23         Rast=243"x243"         Step=3"         Pitch=-106           VMH2)/Flux(sfu):         245/190 410/130 606/270 2695/61 8800/30 15400/23         Rast=243"x243"         Step=3"         Pitch=-106           VMH2)/Flux(sfu):         245/190 410/130 606/270 2695/61 8800/30 15400/23         Rast=243"x243"         Step=3"         Pitch=-106           VMH2)/Flux(sfu):         245/190 410/130 606/270 2695/61 8800/30 15400/23         Rast=243"x243"         Step=3"         Pitch=-106           VMH2)/Flux(sfu):         Americance=C2         Qual=01         Total=249"x243"x243"         Step=3"         Pitch=-106	CRBS OF CASE	tart 4:57 4:58:05	reak 04:58 04:58:1	End times 05:00 5:04:58:25		Qual=01 Qual=01 Code=00	Tot Cts=154 Exp #=69951	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+257	", Yaw≖-15"
06.49	ent # /07/02	= 9171 ,06:49	D0Y=1		SMM Pointing	S19W07		Pitch=-112",Yaw	/=-360", Rol	1=90deg	H.Ang=24deg
06:49:10 06:31:07 PeakC/5=78 Quai=01 Tot Cts=1691 Peake(*7.12) PeakC/5=78 Quai=01 Tot Cts=1691 Peak.c/5=10 Quai=1 FePeak.06:47 Peak.c/5=10 Quai=1 FePeak.06:47 Peak.c/5=10 Quai=1 FePeak.06:47 Peak.c/5=10 Quai=1 FePeak.06:47 Peak.c/5=10 Pitch=-106  Type/Intensity: III/3  Type/Intensity: III/3  DOY=184 End times Peak Code=00 Exp #=69959 Peak.c/5=19 #Peaks=1 dt= 7.7s Peak Peak Peak.c/5=10 Pitch=-106  DOY=184 End times Peak Pointing: S19W11 Pitch=+394", Yaw=-32", Roll=-20deg Peak Peak.c/5=10 Quai=01 Tot Cts=2799 Peak.c/5=13 #Peaks=1 dt= 7.7s Peak.c/5=10 Quai=01 Tot Cts=2799 Peak.c/5=10 Quai=01 Tot Cts=279 Peak.c/5=10 Quai=01 Tot Cts=270 Peak.c/5=10 Quai=01 Tot Cts=210 Peak.c/5=10 Peak.c/5=10 Quai=01 Tot Cts=210 Peak.c/5=10 Peak.c/5=10 Quai=01 Tot Cts=210 Peak.c/5=10 Peak.c/5=10 Quai=01 Tot Cts=210 Peak.c/5=10 Quai=01 Tot Cts=210 Peak.c/5=10 Peak.c/5=10 Peak.c/5=10 Quai=01 Tot Cts=210 Peak.c/5=10 Peak.c/5=10 Quai=01 Tot Cts=210 Peak.c/5=10 Peak.c/5=10 Quai=01 Tot Cts=210 Peak.c/5=10 Peak.c/5=10 Peak.c/5=10 Quai=01 Tot Cts=210 Peak.c/5=10 Peak.c/5=10 Quai=01 Tot Cts=210 Peak.c/5=10 P	tical	נמו נ היאל		Ella Cilles		\$22W13	AR5060	Mac.=FKC	Carr.Lon.	=12deg	H.Ang=28deg
Type/Intensity:   Wavelength=2788A Code=00   Exp #=69959   Rast=243"x243" Step=10" Cad= 590s		6:47:06 6:43	06:49:10 06:48	06:51:07 06:58	Peakc/s=78 CaPeak.c/s=100	Qual=01 Qual=01 Qual= 1	Tot Cts=1691 FePeak=06:47	MaxkeV=71 FePeak.c/s=25	#Peaks=1		XEN=818402
90V=184 End times   Peak.c/s=67   Qual=03   Peak=07:24   Peak.c/s=19   Peaks=1   GaPeak.c/s=67   Qual=03   Peaks=07:24   Peak.c/s=19   Peaks=1   GaPeak.c/s=67   Qual=1   Peaks=07:24   Peaks=07:25   O7:27   CaPeak.c/s=67   Qual=1   Peaks=07:24   Peaks=07:24   Peaks=07:24   Peaks=07:24   Peaks=07:24   Peaks=07:24   Peaks=07:25   O7:27   O7:25   O7:27   O7:25   O7:27   O7:25   O7:27   O7:25   O7:27   O7:25   O7:27    i.o.	6:39	Tvne/1	ntensity:	Wavelength=2788A	Code=00	Exp #=69959	Rast=240"x240" Rast=243"x243"	Step=10" Step=3"		1.024s/pixel ",Yaw≈-348"	
DOY=184 End times   Importance=C2   Qual=03   FePeak=07:24   FePeak.c/s=19   FePeaks=1   dt=7.7s    OY:25	010	Frequen	cy (MHz)/F	·lux(sfu):	245/190 410/130	606/270 2	8800/30	15400/23			
Mavelength=2788A Code=00 Exp #=69959 Rast=243"x243" Step=3" Cade=10058  D0Y=184 End times HaClass=SF S26W12 13:35 13:50 Importance=C2 Qual=03 Qual=01 Tot Cts=2799 MaxkeV=71 Step=0" Cad=1.02s Rast=0.x0" Step=0" Pitch=+276 Peak End times Importance=B9 Qual=01 Tot Cts=436 MaxkeV=71 Step=0" Pitch=+404", Yaw=-55", Roll=-20deg Peak End times Importance=B9 Qual=01 Tot Cts=436 MaxkeV=71 Step=0" Pitch=+350" Pitch=+360" Pitch=+360" Pitch=+350" Pitch=+360" Pitch=+350" Pitch=+360" Pitch=+360" Pitch=+360" Pitch=+360" Pitch=+360" Pitch=+360" Pitch=+360" Pitch=+350" Pitch=+360" Pitch=+3	o7/02 07/02 Si S 07	= 21771 ,07:26 tart 7:22 7:22	DOY=18 Peak 07:26 07:25	€	Importance=C2 CaPeak.c/s=67	Qual=03 Qual= 1	FePeak=07:24	FePeak.c/s=19		dt= 7.7s	XEN=818403
DOY=184 End times HaClass=SF S26W12 13:36 13:50 Importance=C2 Qual=03 Qual=01 Tot Cts=2799 MaxkeV=71 13:35 13:44 CaPeak.c/s=59 Qual=01 Tot Cts=2799 MaxkeV=71 13:35 13:44 CaPeak.c/s=59 Qual=01 FePeak=13:35 Rast=0%C/s=13 #Peaks=1 dt= 7.7s 16:43:29 16:44:31 Peakc/s=78 Qual=01 Tot Cts=436 MaxkeV=71 16:43:29 16:44:31 Peaksc/s=38 Qual=01 Tot Cts=436 Mac.=FKC Carr.Lon.=6deg  22:13 22:16 CaPeak.c/s=38 Qual= 1 FePeak=22:13 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s		ε:			Wavelength=2788A		Exp #=69959	Kast=115"X115" Rast=243"x243"		cad=1083s Pitch=-106	Z.048s/p1xe! ",Yaw=-348"
HaClass=SF   S26W12	nt # 1 07/02,	= 9175 13:36	DOY=1	End times	Pointing	S19W11		Pitch=+394", Yaw	=-32", Roll	=-20deg	H.Ang≖25deg
13:33:04 13:33:14 Public Colors   Februaria Colors   13:35	ical	3.31	2 =	13.50	HaClass=SF	\$26W12		Mac.=FKC	Carr.Lon.	=8deg	H.Ang≈31deg
DOY=184			122	13:33:14 13:44	Peakc/s=98 CaPeak.c/s=59	Qual=01 Qual= 1	Tot Cts=2799 FePeak=13:35	MaxkeV=71 FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=818404
DOY=184	_	• •			ou o		Exp #=69973	Kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+276'	1.024s/pixel ",Yaw=+147"
16:44 16:52   Importance=B9	nt # " 07/02,	9176 16:44	DOY=184	9	Pointing	S19W12		Pitch=+404", Yaw	=-55", Roll	=-20deg	H.Ang=26deg
DOY=184 Peak End times HaClass=SF S16W15 AR5060 Mac.=FKC Carr.Lon.=6deg Qual=00 Qual=1 FePeak=22:13 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s	S 16 BS 16 P 16	5:41 5:43:14 5:35	16:44 16:43:29	16:52 16:44:31	Importance=B9 Peakc/s=78 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=436 Exp #=69983	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+350'	", Yaw=+19"
Qual=U0 22:13 22:16 CaPeak.c/s=38 Qual= 1 FePeak=22:13 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s	nt # = 07/02, St ical	: 20514 22:13 :art	DOY=1 Peak		Class=SF	SIGWIS	AR5060	Mac.=FKC	Carr. Lon.	=6deg	H.Ang=24deg
		₩.	Ξ:	∵:	ak.c/s=38	Qual=00 Qual= 1	FePeak=22:13	FePeak.c/s=10 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN*818405 1.024s/pixel

88/07/02/22:40	DOY=184		SMM Pointing:	S19W16		Pitch=+421", Yaw=-104", Roll=-20deg	=-104",Rol]	=-20deq	H.Ang=27deg
Start Peak End times GOES 22:38 22:40 22:47 HXRBS 22:38:04 22:38:43 22:39:19 Radio Frequency(MHz)/Flux(sfu):	Peak 22:40 4 22:38:43 ncy(MHz)/F	End times 22:47 52:39:19 11x(sfu):	Impo Peak 606/	Qua]=01 Qua]=01	Tot Cts=696	MaxkeV=71		,	
				88/0//03	3 DOY=185				
t # = 2177 7/03,00:02 Start cal 00:00	3 D0Y=185 Peak 00:02	End times	HaClass=SF Importance=C2	\$20W11 Qual=01	AR5060	Mac.=FKC	Carr.Lon.=1deg	=1deg	H.Ang=26deg
BCS 00:02 FCS	00:03		CaPeak.c/s=23	Qual= 4	FePeak=00:02	FePeak.c/s=14 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN≖818500 1.024s/pixel
Event # = 21774 88/07/03,08:03 Start GOES 07:58	4 D0Y=185 Peak 08:03	End times 08:29	Importance=C2	0ua]=01					
BCS 07:59 FCS UVSP 08:56	08:02	60:80	Cabeak.c/s=23 Wavelength=2788A	Qual= 4	FePeak=07:59 Exp #=69994	FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+329",	XEN=818501 1.024s/pixel ",Yaw=-1
Event # = 9180 88/07/03,11:32	1		SMM Pointing:	S19W23		Pitch=+454", Yaw	, Yaw=-199", Roll=-20deg	1=-20deg	H.Ang=32deg
Start GOES 11:31 HXRBS 11:31:30 UVSP 11:36	reak 11:32 0 11:31:40	End times 11:34 11:32:10	Importance=C2 Peakc/s=64 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=299 Exp #=69997	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+335"	', Yaw=-21"
Event # = 9178 88/07/03,14:45	D0Y=185		SMM Pointing:	S19W24		Pitch=+462", Yaw	, Yaw=-222", Roll=-20deg	1=-20deg	H.Ang=33deg
Start Optical		End times	HaClass=SN	N12W15	AR5062	Mac.=FKI	Carr.Lon.=357deg	=357deg	H.Ang=17deg
GOES HXRBS 14:45:19 UVSP 14:44	9 14:45:39	9 14:46:24	Peakc/s=70 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=362 Exp #=70001	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+343"	", Yaw=-44"
Event # = 9179 88/07/03,17:49 Start	DOY=185	Fnd times	SMM Pointing:	S19W26		Pitch=+470", Yaw=-244", Roll=-20deg	r=-244",Rol	]=-20deg	H.Ang=34deg
GOES HXRBS 17:49:20 UVSP 17:52	_	17:4	Peakc/s=74 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=217 Exp #=70005	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+352"	", Үаw=-66"
Event # = 9364 88/07/03,21:49	D0Y=185		SMM Pointing:	S19W28		Pitch=+482", Yaw	, Yaw=-277", Roll=-20deg	1=-20deg	H.Ang=36deg
Start Optical	Peak 21.40	N N	HaClass=SN	N13W22	AR5062	Mac.=FKI	Carr.Lon.=360deg	=360deg	H.Ang=24deg
HXRBS 21:44:3 HXRBS 21:44:3 Radio Freque	21:44:39 21:46:14 21:49:4 Frequency (MHz)/Flux(sfu)	۸	Peakc/s=503 4995/69 8800/92	Qual=01 15400/50	Tot Cts=14900	MaxkeV=192	Flags=M5,I	ы	

S 22:21 22:23 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:23:30 22:33 2	Event # = 9365 88/07/03,22:23	DOY=185		SMM Pointing:	S19W28		Pitch=+482", Yaw	, Yaw=-277", Roll=-20deg	20deg	H.Ang=36deg
# 9366  948	(0.0	Peak 22:23 22:21:30 1cy (MHz) / F	End times 22:29 ) 22:21:56 Flux(sfu):	Importance=C1 Peakc/s=269 15400/93	Qual=01 Qual=01	Tot Cts=1600	MaxkeV=131	Flags=I		
22:32 22:33 22:34	# = 936 /03,22:3	DOY=185		SMM Pointing	S19W28		Pitch=+482", Yaw	, Yaw=-277", Roll=-20deg	l=-20deg	H.Ang=36deg
# = 9367 73.23.26 b0v=185	22:30 22:29: 22:32	22:33 22:31: 22:31:	22:40 22:33:02 22:36		Qual=01 Qual=01 Qual= 1	Tot Cts=2024 FePeak=22:33	MaxkeV=100 FePeak.c/s=11 Rast=0"x0"	Flags=I #Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=818502 1.024s/pixel
23:23	,03, *	DOY=18	1	1	S19W29		Pitch=+485", Yaw	/=-288", Rol	, Roll=-20deg	H.Ang=37deg
# = 9181 04,01:36 D0Y=186 Start Peak End times 01:36:38 01:36:53 01:40:09 Peakc/s=68	23:23 23:23:23:12 23:25:12	23:26 23:23: 23:23:	23:23: 23:23: 23:23:	Importance=Cl Peakc/s=79 CaPeak.c/s=27	Qual=01 Qual=01 Qual= 1	Tot Cts=665 FePeak=23:27	MaxkeV=71 FePeak.c/s=13 Rast=0"x0"	Flags=I #Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=818503 1.024s/pixel
# = 9181 94,01:36					88/01/0					
01:36:38 01:36:53 01:40:09 Peakc/s=68 Qual=01 Tot Cts=890 Maxkev=71  # = 21775 04;09:36	# = 918 /04,01:3	DOY=186	5		S19W30		Pitch=+489",Yaw	, Yaw=-300", Roll=-20deg	l=-20deg	H.Ang=37deg
# = 21775 04,09:36	ol:36:3	ol:36:5	01:4	ea	Qual=00 Qual=01		MaxkeV=71			
09:36 09:36 09:37 CaPeak.c/s=18 Qual= 2 FePeak=09:36 FePeak.c/s=7  # = 9362 O4,12:22 D0Y=186 Start Peak End times 12:17 12:22 12:28 Importance=C2 Qual=01 12:19:35 12:20:15 12:20:48 Peak.c/s=51 Qual= 1 FePeak=12:20 Rast=180"x1"  # = 9182 # = 9182 12:41 Wavelength=2788A Exp #=70011 Rast=180"x1"  # = 9182 # = 9182 Start Peak End times  Qual=00 Tot Cts=725 Raste=0"x0"	1~~	Pea	End time		-					
# = 9362 Start Peak End times Start Peak End times  12:17	09:3		<del></del>	CaPeak.c/s=18 Wavelength=1375A		FePeak=09:36 Exp #=70007	FePeak.c/s=7 Rast=115"x115" Rast=243"x243"	#Peaks=1 Step=5" Step=10"	dt= 7.7s Cad=1083s Pitch=+506	dt= 7.7s XEN=818600 Cad=1083s 2.048s/pixel Pitch=+506", Yaw=-342"
July 12:12 12:22 12:28 Importance=C2 Qual=01 Tot Cts=725 MaxkeV=71 12:19:35 12:20:15 12:20 CaPeak.c/s=51 Qual= 1 FePeak=12:20 FePeak.c/s=15 Rast=0"x0"	ven 8/0	D0Y=1		SMR	S19W36		Pitch=+511", Yaw	v=-368", Rol	, Roll=-20deg	H.Ang=42deg
12:19:35 12:20:15 12:20:48 Peakc/s=466 Qual=01 Tot Cts=725 MaxkeV=71 12:20 12:21 12:22 CaPeak.c/s=46 Qual=01 FePeak=12:20 FePeak.c/s=15 12:20 12:21 12:22 CaPeak.c/s=51 Qual=01 FePeak=12:20 FePeak.c/s=15 Rast=0"x0"  # = 9182 O4,18:46 D0Y=186 SMM Pointing: S19W39 Pitch=+525", Yaw: Start Peak End times Qual=00 MaxkeV=71 18:46:00 18:46:36 18:47:39 Peak c/s=81 Qual=01 Tot Cts=360 MaxkeV=71	Optical	5 5	nu cilles 2.28	HaClass=SF	\$22W39	AR5060	Mac.=FKC	Carr.Lon.=9deg	=9deg	H.Ang=46deg
12:41 Rast=180"x1" # = 9182 04,18:46 DOY=186 SMM Pointing: S19W39 Pitch=+525",Yaw: Start Peak End times Qual=00 AxkeV=71	12:19:3 12:20	12:20 12:20 12:21	12:20:48 12:22	Peakc/s=466 CaPeak.c/s=51	Qual=01 Qual= 1	Tot Cts=725 FePeak=12:20	MaxkeV=71 FePeak.c/s=15	Flags=I #Peaks=1 C+en=0"	dt= 7.7s X	XEN=818601
nt # = 9182 07/04,18:46 D0Y=186 SMM Pointing: S19W39 Pitch=+525" Start Peak End times Qual=00 AaxkeV=71 S	12:4			Wavelength=2788A		Exp #=70011	Rast=180"x1"		pitch=+394	', Yaw=-194"
S S RS 18.46.00 18.46.36 18.47.39 PeakC/s=81	vent # = 91 8/07/04,18:	00Y=18	+	I	S19W39		Pitch=+525", Yaw	v=-409", Rol	, Roll=-20deg	H.Ang=45deg
P 18:58 Exp #=70019 Rast=180"x1"	GOES HXRBS 18:46:09 UVSP 18:58	8 8	18:47:3	Peakc/s=81 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=360 Exp #=70019	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+408	Pitch=+408", Yaw=-234"

					88/0//05	5 D0Y=187				
Event # = 9 88/07/05,03 Star		)Y=187	End times	SMM Pointing:	S19W44		Pitch=+541", Yaw=-462", Roll=-20deg	w=-462", Rol	1=-20deg	H.Ang=49deg
GOES 03:24 HXRBS 03:28:07 BCS 03:29		03:30 03:28:18 03:29	03:48 03:29:05 03:31	<pre>Importance=C1 Peakc/s=75 CaPeak.c/s=21</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=464 FePeak=03:29	MaxkeV=71 FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=818700
	dnency (	(MHz)/F	Frequency(MHz)/Flux(sfu):	245/75 606/360			Kast=U"XU"	Step=0"	Cad=1.02s	1.024s/pixel
Event # = 9184 88/07/05,05:19 Start	1184 5:19 DC	<u> </u>	Fod times	SMM Pointing:	S19W45		Pitch=+544", Yaw=-472", Roll=-20deg	w=-472", Ro1	1=-20deg	H.Ang=50deg
GOES 05:1 HXRBS 05:1	.9:08 9:08 50:05	05:19 05:19:23	05:25 05:19:44	Importance=B9 Peakc/s=133	Qual=01 Qual=01	Tot Cts=457	MaxkeV=71			
Event # = 9185 88/07/05,05:57 Start		D0Y=187 Peak	End times	SMM Pointing:	S19W46		Pitch=+547", Yaw=-482", Roll=-20deg	w=-482", Rol	]=-20deg	H.Ang=50deg
GOES HXRBS 05:5		05:57:46	05:5	Peakc/s=55	Qual=00 Qual=01	Tot Cts=258	MaxkeV=71			
vent # = 9 8/07/05,08	369 3:45 DOY	75	1 + pag	SMM Pointing:	S19W47		Pitch=+551", Yaw=-492", Roll=-20deg	v=-492", Ro1	1=-20deg	H. Ang=51deg
GOES 08:42 HXRBS 08:42:36 BCS 08:44	7. 12.36 08 14.08	08:45 08:42:57 08:44	08:49 08:43:53 08:46	Importance=Cl Peakc/s=165 CaPeak.c/s=29	Qual=01 Qual=01 Qual= 1	Tot Cts=1370 FePeak=08:44	MaxkeV=161 FePeak.c/s=9		dt= 7.7s	XEN=818701
0.3š	13 ns iquency (	Type/In MHz)/F	8:43 eeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Wavelength=1375A Code=00 III/3 245/500 410/440	Code=00	Exp #=70023	Rast=115"x115" Rast=3"x3"	Step=5" Step=0"	Cad=1083s 2 Pitch=+480",	2.048s/pixel ",Yaw=-481"
Event # = 9 88/07/05,09 Star	1186 1:03 00	17=187 ak	Fnd times	SMM Pointing:	S19W47		Pitch=+551", Yaw=-492", Roll=-20deg	r=-492", Rol	]=-20deg	H.Ang=51deg
GOES 09:01 HXRBS 09:01:45 ( UVSP 08:58 Radio Sweeps	11:45 09	09:03 09:08 09:01:56 09:02 Type/Intensi	09:08 09:02:18 tensity:	Importance=89 Peakc/s=66 Wavelength=1375A III/2	Qual=01 Qual=01 Code=00	Tot Cts=195 Exp #=70025	MaxkeV=71 Rast=3"x3"	Step≕0"	Pitch=+545	Pitch=+545", Yaw=-543"
	<b>6</b>	1 1 1 1 1	End times	HaClass=SF	S21W43	AR5060	Mac.=EKC	Carr. Lon. =359deq	=359deq	H. Ang=49deg
GOES 12:47 BCS 12:51 FCS 12:51	71.	53	13:22 13:25	Importance=C2 CaPeak.c/s=45	Qual=03 Qual= 2	FePeak=12:53	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=818702 1.024s/pixel
VSP 12:40	9			Wavelength=2788A Code=01	Code=01	Exp #=70029	Rast=180"x1"		Pitch=+438	', Yaw=-335"

Event # = 9187 88/07/05,16:22 Start	7 2 DOY=187 Deat	End +imos	SMM Pointing:	S19W51		Pitch=+564",Ya	, Yaw=-537", Rol	, Roll=-20deg	H.Ang=55deg
tical FS 16.00		2 .	HaClass=SF	N12W48	AR5062	Mac.=FKI	Carr.Lon.=3deg	=3deg	H.Ang≃48deg
16:09 16:54	:43 16:10:14	1 16:11:25	Peakc/s=59 Wavelength=2788A	Qual=01	Tot Cts=456 Exp #=70036	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch≕+445"	", Yaw=-357"
Event # = 9188 88/07/05,19:35	3 5 DOY=187 Deat	End +imos	SMM Pointing:	S19W53		Pitch=+567", Yaw	, Yaw=-547", Rol	, Roll=-20deg	H.Ang=56deg
ical		)	HaClass=SF	S19W54	AR5060	Mac.=EKC	Carr.Lon.=7deg	=7deg	H.Ang=58deg
HXRBS 19:26:5 BCS 19:29	19:33 19:27:34 19:34	19:28:26 19:45	importance-cz Peakc/s=64 CaPeak.c/s=58	Qual=01 Qual= 1	Tot Cts=528 FePeak=19:34	MaxkeV=71 FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=818703
P 19:26			Wavelength=1375A	Code=00	Exp #=70042	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=+564"	1.024s/pixel ",Yaw=-488"
			+	88/01/06	6 D0Y=188				
Event # = 9189 88/07/06,04:58		1	SMM Pointing:	S20W54		Pitch=-724", Yaw=-347", Roll=90deg	v=-347", Rol	1=90deg	H.Ang=58deg
GOES 04:49 HXRBS 04:49:53 BCS 04:51	04:58 04:58 04:50:54 04:57	674 11168 05:19 05:20 05:08	Importance=C2 Peakc/s=71 CaPeak.c/s=47	Qua}=01 Qua]=01 Qua]= 1	Tot Cts=1089 FePeak=04:53	MaxkeV=71 FePeak.c/s=18	#Peaks=1	dt= 7.7s	XEN=818800
p 04:48			Wavelength=1375A	Code=00	Exp #=70090	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-738",	1.024s/pixel ",Yaw=-308"
Yent # = 2177  8/07/06,05:14   Start	7   D0Y=188   Peak	End times							
BCS 05:12	05:14	05:18	CaPeak.c/s=20	oual≖00 oual= 4	FePeak=05:12	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=818801
P 05:04			Wavelength=1375A		Exp #=70092	Kast=U"xU" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-685",	1.024s/pixel ",Yaw=-413"
Event # = 9190 88/07/06,12:59 Start		Fnd +imps	SMM Pointing:	S19W58		Pitch=+581", Yaw=-596",	r=-596", Ro1	, Roll=-20deg	H.Ang=62deg
GOES 12:56 HXRBS 12:57:00 UVSP 13:18 Radio Sweeps Radio Frequenc	2:56 12:59 13:06 2:57:00 12:57:47 12:58:0 3:18 Type/Intensity Frequency(MHZ)/Flux(sfu)	3 0	Importance=C1 Peakc/s=67 Wavelength=2788A V/3 245/750 410/230	Qua]=01 Qua]=01	Tot Cts=858 Exp #=70112	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+460",Yaw≖-412	", Yaw≖-412"
Event # = 9191 88/07/06,15:34	DOY=188	Cod + impo	SMM Pointing:	S19W60		Pitch=+584", Yaw	, Yaw=-607", Rol	, Roll=-20deg	H.Ang=63deg
<u></u>	15.3	15.43	HaClass=SF	\$21W59	AR5060	Mac.=EKC	Carr.Lon.=1deg	=1deg	H.Ang≕63deg
HXRBS 15:26:03 BCS 15:28 FCS	3 15:26:07 15:31	15:26:18 16:08	Peakc/s=56 CaPeak.c/s=45	Qual=01 Qual= 1	Tot Cts=1011 FePeak=15:31	MaxkeV=71 FePeak.c/s=12	Flags=M5 #Peaks=1	dt= 7.7s	XEN=818802
P 15:22			Wavelength=2788A	Code=01	Exp #=70115	Rast=0.x0 Rast=180"x1"	Step=0"		1.0245/p1xe1 ",Yaw=-421"

Event # = 9192 88/07/06,16:21		SMM Pointing:	S19W60		Pitch=+584", Yaw=-607", Roll=-20deg	w=-607", Roll	=-20deg	H.Ang=63deg
Start 60ES 16:17 HXRBS 16:16:54 UVSP 16:20 Radio Sweeps Radio Frequen	Start Peak End times 16:17 16:21 16:23 16:16:54 16:17:37 16:17:51 16:20 Type/Intensity: Frequency(MHz)/Flux(sfu):	Importance=B8 Peakc/s=70 Wavelength=2788A V/2 245/210 410/140	Qual=01 Qual=01 Code=00	Tot Cts=437 Exp #=70116	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+464",Yaw=-425"	, Үам=-425"
Event # = 9193 88/07/06,19:19 Start GOES 19:14 HXRBS 19:29:35 UVSP 19:30	DOY=188 End times Peak 19:19 19:37 19:29:40 19:29:53	SMM Pointing: Importance=B9 Peakc/s=53 Wavelength=2788A	\$19W61 Qual=03 Qual=01	Tot Cts=110 Exp #=70120	Pitch=+587", Yaw=-619", Roll=-20deg MaxkeV=71 Rast=180"x1" Step=0" Pitch=+	w=-619",Roll Step=0"	=-20deg H.Ang=64de Pitch=+467", Yaw=-437"	H.Ang=64deg , Yaw=-437"
Event # = 9371 88/07/06,20:29 Start Optical	DOY=188 Peak End times	SMM Pointing: HaClass=SF	S19W61 N13W64	AR5062	Pitch=+587", Yaw=-619", Roll=-20deg Mac.=FKI Carr.Lon.=3deg	w=-619", Roll=-20 Carr.Lon.=3deg	=-20deg	H.Ang=64deg H.Ang=64deg
GDES 20:21 HXRBS 20:21:06 UVSP 20:05 Radio Sweeps	20:29 20:45 20:21:27 20:21:32 Type/Intensity:	Importance=Cl Peakc/s=60 Wavelength=2788A V/2	Qua]=01 Qua]=01	Tot Cts=177 Exp #=70121	MaxkeV=71 Rast=180"x1"	Flags=I Step=0"	Pitch=+468", Yaw=-440"	, Yaw=-440"
Event # = 9372 88/07/06,20:56	DOY=188	SMM Pointing:	S19W61		Pitch=+587", Ya	, Yaw=-619", Roll=-20deg	=-20deg	H.Ang=64deg
Start ical	Peak End times	HaClass=SF	N13W64	AR5062	Mac.=FKI	Carr.Lon.=3deg	-3deg	H.Ang=64deg
GOES 20:51 HXRBS 20:57:37 UVSP 21:03 Radio Sweeps Radio Frequenc	Z0:57:45 Z0:58:04 Type/Intensity: y(MHz)/Flux(sfu):	Importance=bs Peakc/s=51 Wavelength=2788A III/1 245/470 410/80	Qual=03 Qual=01 Code=02	Tot Cts=76 Exp #=70122	MaxkeV=71 Rast=180"x1"	Flags=I Step=0"	Pitch≈+468",Yaw=-443"	', Yaw=-443"
Event # = 9194 88/07/06,22:06	D0Y=188	SMM Pointing:	S19W63		Pitch=+590", Yaw=-634", Roll=-20deg	IW=-634", Roll	=-20deg	H.Ang=66deg
Start ical	Peak 22.06		N13W63	AR5062	Mac.=FKI	Carr.Lon.=1deg	1deg	H.Ang=63deg
HXRBS 22:01:54 UVSP 22:02	22:03:04 22:04:25	Peakc/s=79 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=1253 Exp #=70126	MaxkeV=100 Rast=10"x10"	Step=0"	Pitch≖+563",Yaw=-669"	', Yaw=-669"
Event # = 9195 88/07/06,22:30	DOY=188	SMM Pointing:	S19W63		Pitch=+590", Yaw=-634", Roll=-20deg	tw=-634", Ro]]	l=-20deg	H.Ang=66deg
GOES 22:26 HXRBS 22:28:52 UVSP 22:19	22:30 22:35 22:30 22:35 22:29:15 22:29:29	Importance=89 (Peakc/s=56 (Wavelength=1375A)	Qual=01 Qual=01 Code=00	Tot Cts=190 Exp #=70128	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+563",Yaw=-670"	', Yaw=-670"

				88/01/02	7 D0Y=189				
Event # = 9196 88/07/07,06:07	)7 DOY=189		SMM Pointing:	S19W67	i	Pitch=+595", Yaw	, Yaw=-654", Roll	, Roll≃-20deg	H.Ang=69deg
٠		בוות	HaClass=SF	N13W72	AR5062	Mac.=EKI	Carr.Lon.=6deg	=edeg	H.Ang=72deg
WXBS 05:57:07 HXRBS 05:57:07 UVSP 06:04 Radio Frequenc	5:50	1 06:09:00 Flux(sfu):	Importance=m1 Peakc/s=159 Wavelength=1375A 2695/12 8800/21	Qual=01 Qual=01 Code=00	Tot Cts=14214 Exp #=70166	MaxkeV=100 Rast=130"x130"	Flags=M5 Step=5"	Pitch=+625",Yaw=-679"	', Үаw=-679"
Event # = 908 88/07/07,08:0	5 DOY=189	+ 74	SMM Pointing:	S19W68		Pitch=+597", Yaw=-664", Roll=-20deg	=-664", Roll	]=-20deg	H.Ang=71deg
GOES 08:00 HXRBS 08:01:05 ( BCS 08:03 (	08:05 08:05 08:01:44 08:04	08:16 08:03:25 08:08	Importance=C2 Peakc/s=115 CaPeak.c/s=66	Qual=03 Qual=01 Qual= 1	Tot Cts=3023 FePeak=08:04	MaxkeV=100 FePeak.c/s=15	#Peaks=1	dt= 7.7s X	XEN=818900
UVSP 07:59			Wavelength=1375A	Code=00	Exp #=70175	Rast=130"x130"		Pitch=+627"	1, Yaw=-685"
Event # = 9197 88/07/07,10:50		7 4	SMM Pointing:	S19W70		Pitch=+599", Yaw=-674", Roll=-20deg	=-674", Roll	1=-20deg	H.Ang=72deg
GOES 10:48 HXRBS 10:49:40 UVSP 10:39	76ak 10:50 :40 10:50:05	11:00 10:50:37	Importance=C1 Peakc/s=76 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=415 Exp #=70182	MaxkeV=71 Rast=243"x243"	Step=3"	Pitch=+606",Yaw=-661	', Yaw=-661"
Event # = 2177 88/07/07,20:12 Start	78 12 D0Y=189 Peak	End times							
GOES BCS 20:07	20:12	20:27	CaPeak.c/s=25	Qual=00 Qual= 1	FePeak=20:10	FePeak.c/s=8		dt= 7.7s	XEN=818901
FCS UVSP 20:35			Wavelength=2788A		Exp #=70194	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+482",	1.024s/plxel ',Yaw=-513"
Event # = 905 88/07/07,21:5	15 13 DOY=189	1	SMM Pointing:	S19W75		Pitch=+603", Yaw=-696", Roll=-20deg	=-696", Roll	]=-20deg	H.Ang=77deg
GOES 21:51 HXRBS 21:51:57 UVSP 22:08	21:53 :57 21:52:00	21:58 21:58 ) 21:52:39	Importance=Cl Peakc/s=70 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=353 Exp #=70196	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+483"	', Yaw=-516"
Event # = 905 88/07/07,23:4	57 17 DOY=189	רח האם ליי	SMM Pointing:	S19W75		Pitch=+603",Yaw=-696",Roll=-20deg	696", Roll	]=-20deg	H.Ang=77deg
GOES 23:24 2 HXRBS 23:25:06 2 BCS 23:26 2	23:47 :06 23:25:20 23:40	23:25:52 23:25:52 23:49	Importance=C2 Peakc/s=94 CaPeak.c/s=41	Qual=03 Qual=01 Qual= 1	Tot Cts=1150 FePeak=23:39	MaxkeV=100 FePeak.c/s=17	#Peaks=2	dt= 7.7s	XEN=818902
1	23:43 23:36:38 23:37:49 23:37:54	9 23:37:54	Wavelength=2788A Code=00 Associated Peakc/s=69 Qual=01	_	Exp #=70198 Event # = 9059 Tot Cts=388		•	cad=1.025 1 Pitch=+483",	1.0245/pixel ', Yaw=-519" 

				00/10/100	001-100				
8/0 8/0 0ES CS CS VSP	DOY=190 Peak 00:47	End times 00:59	CaPeak.c/s=27 Wavelength=1375A	00/ U/ U0 Qual=00 Qual= 1	FePe Exp	FePeak.c/s=11 Rast=0"x0" Rast=10"x10"	#Peaks=2 Step=0" Step=0"	dt= 7.7s	XEN=819000 1.024s/pixel ", Yaw=-745"
Event # = 9058 88/07/08,03:39	D0Y=190 Peak 03:39 03:34:47 03:38 Type/II	sa Z	SMM Pointing: HaClass=SF Importance=C9 CaPeakc/s=609 CaPeak.c/s=401 III/3	\$19W77 \$13W80 \$ual=01 \$ual=01 \$ual= 1	AR5060 Tot Cts=46347 FePeak=03:38 Exp #=70216	Pitch=+604", Yaw Mac.=EKI MaxkeV=192 FePeak.c/s=110 Rast=0"x0" Rast=130"x130"	=-706", Rol Carr.Lon. #Peaks=1 Step=0" Step=5"	563 563	H.Ang=79deg H.Ang=81deg XEN=819001 1.024s/pixe1 ", Yaw=-750"
	DOY=190 Peak 12:06:23 Cy (MHz)/F	s cc	SMM Pointing: HaClass=SN Importance=M4 Peakc/s=1830 Wavelength=2788A 4995/73 8800/110	\$19W81 \$19W81 \$11W90 \$\ual=02 \$\ual=02 \$15400/1	Tot Cts=2.62E+5 Exp #=70246	Pitch=+604" Mac.=DS0 MaxkeV=363 Rast=180"x1	,Yaw=-717",Roll=-20deg Carr.Lon.=7deg Flags=M5,SA " Step=0" Pitch=+	]=-20deg =7deg SA Pitch=+482"	=-20deg H.Ang=83deg 7deg H.Ang=89deg A Dur=120sec Pitch=+482", Yaw=-538"
Event # = 9199 88/07/08,16:05 Start Optical GOES 16:01 HXRBS 16:02:57 UVSP 15:56	D0Y=190 Peak 16:05 16:03:30	End times 16:12 16:04:59	SMM Pointing: HaClass=SF Importance=C7 Peakc/s=94 Wavelength=2788A	S19W85 N14W89 Qual=01 Code=00	AR5062 Tot Cts=2068 Exp #=70251	Pitch=+599", Yaw Mac.=EKI MaxkeV=71 Rast=180"x1"	,Yaw=-729",Roll=-20 Carr.Lon.=4deg Flags=SN Step=0" Pitc	,Roll=-20deg Lon.=4deg =SN O" Pitch=+479"	H.Ang=86deg H.Ang=88deg ", Yaw=-544"
Event # = 9201 88/07/08,16:46 Start Optical GOES 16:39 HXRBS 16:44:05 UVSP 16:57	DOY=190 Peak 16:46 16:44:43	End times 17:00 16:45:05	SMM Pointing: HaClass=SF Importance=C3 Peakc/s=58 Wavelength=2788A	S19W85 N14W90 Qual=01 Qual=01	AR5062 Tot Cts=302 Exp #=70252	Pitch=+599", Yaw=-729" Mac.=EKI Carr.  MaxkeV=71 Rast=180"x1" Step=(	/=-729",Roll=-20 Carr.Lon.=5deg Step=0" Pitc	,Roll=-20deg Lon.=5deg 0" Pitch=+479"	H.Ang=86deg H.Ang=89deg ', Yaw=-544"
Event # = 9200 88/07/08,17:50 Start Optical GOES 17:48 HXRBS 17:49:44 UVSP 17:31	DOY=190 Peak 17:50	End times 18:06 17:51:55	SMM Pointing: HaClass=1N Importance=C2 Peakc/s=101 Wavelength=2788A	S19W85 N14W89 Qual=01 Code=01	AR5062 Tot Cts=1900 Exp #=70253	Pitch=+599", Yaw Mac.=EKI MaxkeV=71 Rast=180"x1"	',Yaw=-729",Roll=-20 Carr.Lon.=3deg " Step=0" Pitc	,Roll=-20deg	H.Ang=86deg H.Ang=88deg ', Yaw=-544"

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					88/01/09	9 D0Y=191				
Event # 88/07/09 S GOES 0 BCS 0 FCS UVSP 0	t # = 21780 7/09,01:41 Start 01:40 01:39	DOY=191 Peak O1:41 O1:40	End times 01:58 01:43	Importance=C1 CaPeak.c/s=37 Wavelength=2788A	<u>م</u> ص ن	Fe Pe	FePeak.c/s=16 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+479",	XEN=819100 1.024s/pixel ",Yaw=-574"
Event # = 9394 88/07/09,13:22 Start Optical GOES 13:00 HXRBS 13:19:09 UVSP 13:20  HXRBS 13:17:13	1	DOY=191 Peak End t 13:22 13:33 13:19:14 13:19 13:17:36 13:17	End times 13:33 13:19:35	SMM Pointing: HaClass=SF Importance=C2 Peakc/s=63 Wavelength=2788	N23E08 Qual=03 Qual=01 Code=00 Sociated	AR5069  Tot Cts=138  Exp #=70298  Event # = 9393  Tot Cts=85	Pitch=+599", Yaw Mac.=DAI MaxkeV=71 Rast=180"x1" MaxkeV=71	,Yaw=-759",Roll=-20deg Carr.Lon.=255deg Flags=I Step=0" Pitch=+	]=-20deg =255deg   Pitch=+479"	H.Ang=21deg ", Yaw=-574"
Event # = 9202 88/07/09,23:46 Start GOES 23:33 HXRBS 23:38:54 UVSP 23:17 Radio Frequenc	= 9202 ,23:46 tart 3:33 3:38:54 3:17 Frequenc	DOY=191 Peak 23:46 23:40:13 y(MHz)/F	End times 00:34 23:47:49 lux(sfu):	Importance=M2 Peakc/s=472 Wavelength=2788A 2695/34 8800/71		Fxp	MaxkeV=131 Rast=180"x1"	Flags=M5 Step=0"	Pitch=+479"	", Уам=-574"
					88/07/10	) D0Y=192				
Event # 88/07/10, 88/07/10, Si Optical GOES	t # = 21/81 7/10,20:32 Start cal	DOY=192 Peak	End times	HaClass=SF	N22W09 Oua]=00	AR5069	Mac.=EHI	Carr.Lon.=255deg	=255deg	H.Ang=20deg
BCS 20 FCS UVSP 20	20:24 20:39	20:32	20:44	CaPeak.c/s=59 Wavelength=2788A	Qual= 1	FePeak=20:30 Exp #=70343	FePeak.c/s=16 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-108"	XEN=819200 1.024s/pixel ', Yaw=-55"
					88/07/11	D0Y=193				
Event # " 88/07/11, S1	# = 9203 7/11,00:32 Start	DOY=193 Peak	End times	SMM Pointing:	N23W11		Pitch=-232", Yaw=-269", Roll=-20deg	269", Roll	]=-20deg	H.Ang=22deg
GOES HXRBS 22 UVSP 00	22:54:15 00:21	00:32:21	00:53:27	Peakc/s=514 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=86147 Exp #=70348	MaxkeV=192 Rast=180"x1"	Flags=M5 Step=0"	Pitch≖-98"	, Үаw=-83"
Event # = 21782 88/07/11,04:29 Start GOES 04:21 BCS 04:24 FCS 04:30	= 21782 ,04:29 tart 4:21 4:24 4:30	DOY=193 Peak 04:29 04:28	End times 04:35 04:34	Importance=C3 CaPeak.c/s=29 Wavelength=2788A	Qual=01 Qual= 1 Code=02	FePeak=04:28 Exp #=70352	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-87"	XEN=819300 1.024s/pixel ,Yaw=-114"

0000   TS	,	SMM Pointing	g: N23W15	W15		Pitch=-231",Yaw	, Yaw=+309", Rol	, Roll=90deg	H.Ang=24deg
= 21783 1,10:36 Start	tart Peak End Unies 7:24 07:26 07:38 7:23:51 07:24:06 07:24:31 7:15 Frequency(MHz)/Flux(sfu):		C1 Qua 63 Qua 1375A Code	Qual=01 Qual=01 T Code=00 E	Tot Cts=306 Exp #=70357	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=-193",Yaw=+296"	, Yaw=+296"
	DOY=193 Peak End tir	times	7 FLUTCM 33	717	OPCION	7 - X	Tan Lon =255ded	"אַלאַנע	H Ann=24den
10:29 10 10:33 10	1:36 10:50 1:37 10:46	nac.dss=sr Importance=C2 CaPeak.c/s=35			FePeak=10:36	FePeak.c/s=8	<u>.</u>	7s 83c	XEN=819301 2 048
UVSP 10:15 Radio Sweeps	Type/Intensity	Wavelength=2788A y: V/l	2788A Cod	Code=00 E	Exp #=70366	Rast=243"x243"		Pitch=-200"	, Yaw=-329"
: # = 21784 //11,12:57 Start 12:46	DOY=193 Peak End times 12:57 13:31	mes Importance=C2		Qua]=05	Fe Deak=13.02	Feboak c/s=7	#Deaks=1	dt= 7.7s	XEN=819302
		-	88A		Exp #=70369	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-66",	
# = 21785 11,14:42 Start	DOY=193 Peak End ti	times						2010	0 C   2 C V
	14:42 14:53 14:43 15:05	HaClass=SF Importance=C2 CaPeak.c/s=20	. – –	N24W20 Qual=03 Qual= 4 I	AR5069 FePeak=14:43	Mac.=ESI FePeak.c/s=7	#Peaks=1 dt= 7.	75	H.Ang=260eg XEN=819303 1.024c/nivel
FCS UVSP 14:26		Wavelength=2788A Code=01	2788A Cod		Exp #=70371	Kast=U.xU. Rast=180"x1"	Step=0"	cau=1.028 Pitch=-61",	1.0245/pixel
t # = 21786 7/11,16:38 Start 16:18	DOY=193 Peak End times 16:38 17:18			Qua1=03				!	
BCS 16:29 16 FCS 17:03		CaPeak.c/s=18 Wavelength=2788A	88A		FePeak=16:31 Exp #=70374	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-54"	XEN=819304 1.024s/pixel ,Yaw=-206"
= 21787 1,19:28 Start	DOY=193 Peak End ti	times HaClass=		W23	AR5069	Mac.=ESI	Carr.Lon.=256deg	=256deg	H.Ang=28deg
G0ES 19:23 19 BCS 19:25 19 FCS 19:08	:28 19:52 :27 19:33	Importance=Cl CaPeak.c/s=30 Wavelength=278	≴		FePeak=19:26 Exp #=70377	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-49"	XEN=819305 1.024s/pixel ,Yaw=-222"

•							י וכוי–-זחז יומו	, Yaw=-475", Roll=-20deg	1=-20deg	H.Ang=32deg
	\$ 04:56:01 05:35	04:56:29	04:57:19	Peakc/s=58 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=367 Exp #=70388	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch≈-25"	Pitch≈-25",Yaw=-296"
vent # = 8/07/12,	t # = 9215 7/12,19:18 Start	DOY=194 Peak	Fod +imac	SMM Pointing:	S20E69		Pitch=+40",Yaw	, Yaw=+898", Roll	, Roll=-20deg	H.Ang=72deg
Cal	110	<b>:</b>	0.33	HaClass=SF	N30E03	AR5073	Mac.=DAO	Carr.Lon.=217deg	=217deg	H.Ang=26deg
	9:12:23	19:12:31	19:12:52	Peakc/s=60 Wavelength=2788A	Qual=01	Tot Cts=115 Exp #=70419	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-80"	, Yaw=+825"
	t # = 21788 7/12,22:50 Start	D0Y=194 Peak	End times							
BCS 21	1:55	22:50	22:52	CaPeak.c/s=43	Qual=00 Qual= 2	FePeak=21:56	FePeak, c/s=19	#Peaks=1	dt= 7.7s	XEN=819400
	:50			Wavelength=1375A		Exp #=70429	Rast=0"x0" Rast=130"x130"	Step=0" Step=5"	Cad=1.02s Pitch=+90"	1.024s/pixel ,Yaw=+893"
- L	# = 21789 12,23:35 Start	D0Y=194 Peak	End times							
60ES BCS 23 FCS 23	3:21 3:29	23:35 23:36	00:29 00:16	<pre>Importance=C3 CaPeak.c/s=82</pre>	Qua]=04 Qua]= 5	FePeak=23:32	FePeak.c/s=16	#Peaks=1	dt= 7.7s	XEN=819401
23	:33			Wavelength=1375A	Code=00	Exp #=70431	Rast=0"x0" Rast=130"x130"	Step=0" Step=5"	Cad=1.02s Pitch=+81"	1.024s/pixel ,Yaw=+896"
	0.00				88/07/1	3 D0Y=195				
:vent # = :8/07/13, <t< td=""><td>t # = 9216 7/13,01:45 Start</td><td>DOY=195 Peak</td><td>End times</td><td>SMM Pointing:</td><td>S20E67</td><td></td><td>Pitch=+45", Yaw=</td><td>, Yaw=+888", Roll</td><td>, Roll=-20deg</td><td>H.Ang=70deg</td></t<>	t # = 9216 7/13,01:45 Start	DOY=195 Peak	End times	SMM Pointing:	S20E67		Pitch=+45", Yaw=	, Yaw=+888", Roll	, Roll=-20deg	H.Ang=70deg
(a)			CD E		\$22E66	AR5075	Mac.=EKO	Carr.Lon.=151deg	=151deg	H.Ang=70deg
HXRBS 01 BCS 01	:42:46 :03	01:42:53 01:45	01:43:15 02:00	Peak/s=57 CaPeak.c/s=68	Qual=01 Qual= 1	Tot Cts=211 FePeak=01:44	MaxkeV=71 FePeak.c/s=14	#Peaks=2	dt= 7.7s	XEN=819500
01	:41			Wavelength=1375A	Code=00	Exp #=70443	Kast=0"x0" Rast=130"x130"	Step=0" Step=5"	Cad=1.02s Pitch=+65"	1.024s/pixel ,Yaw=+904"
Event # = 88/07/13, St. GOES 03 BCS 03	t # = 21790 7/13,03:11   Start   03:00   0	DOY=195 Peak 03:11 03:09	End times 03:20 03:15	ImportanceC2 CaPeak.c/s=18	Qual=01	FeDeak=03-14	February / c=6	li .	l .	VEN. O 10FO
05	:58			75A	Code=00	Exp #=70449	Rast=0"x0" Rast=130"x130"	Step=0" Step=5"	Cad=1.02s Pitch=+92"	1.024s/pixel Yaw=+885"

Event # 88/07/13	= 9209 ,04:31	DOY=195		SMM Pointing:	S20E65		Pitch=+51", Yaw=+877"	+877", Roll:	, Roll=-20deg	H.Ang=68deg
	rg			portance=C7 akc/s=347 velength=1375	Qual=01 Qual=01 Code=00	Tot Cts=54551 Exp #=70456	MaxkeV=161 Rast=265"x265"	Flags=M5, Step=5"	1=+63"	-+885
	04:19 04:15	04:27	04:36	CaPeak.c/s=39 Wavelength=1375A	Associated Qual= 1 A	Event # = 21/91 FePeak=04:19 Exp #=70455	FePeak.c/s=10 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	- 7.7s l=1.02s ch=+89	
Event # 88/07/13	= 9211 ,04:50	D0Y=195	1 4 TO SE	SMM Pointing:	S20E65		Pitch=+51", Yaw=+877", Roll=-20deg	+877", Roll:	=-20deg	H.Ang=68deg
GOES HXRBS BCS O	Start 04:49 04:48:04 04:47	reak 04:50 04:48:5 04:50	2 04:54 04:54 04:54	<pre>Importance=C2 Peakc/s=60 CaPeak.c/s=31</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=286 FePeak=04:50	MaxkeV=71 FePeak.c/s=8	#Peaks=1 S+on=0"	dt= 7.7s Cad=1 02e	XEN=819503 1 024s/nixel
'	04:50		1 : 1 : 1	length=1379	Code=02	Exp #=70459 Event # = 9210		Step=0"	Pitch=+96",	, Yaw=+869"
HXRBS 0	04:46:37 04:46	04:47:20 04	0 04:47:37	Peakc/s=55 Wavelength=1375A	Qual=01	Tot Cts=238 Exp #=70458	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=+63",	,Yaw=+882"
Event # 88/07/13	t # = 9212 7/13,06:16	D0Y=195	-	SMM Pointing:	S20E63		Pitch=+56", Yaw=+867",	+867", Roll	, Roll=-20deg	H.Ang=67deg
S Optical	start	Peak		HaClass=SN	N24E02	AR5071	Mac.=DAI	Carr.Lon.=212deg	=212deg	H.Ang=20deg
GOES HXRBS 0 UVSP 0	06:10 06:12:32 06:13	$06:16 \\ 06:13:1$	06:20 6 06:13:46	Importance=CZ Peakc/s=112 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=1251 Exp #=70465	MaxkeV=131 Rast=10"x10"	Step=0"	Pitch=+93"	, Yaw=+870"
Event # 88/07/13	= 9213 3,08:13	D0Y=195	100	SMM Pointing:	S20E62		Pitch=+787", Yaw=-352"	r352", Rol	, Roll=90deg	H.Ang=66deg
GOES 0 GOES 0 HXRBS 0 UVSP 0 Radio Sw	start 08:10 08:10:43 08:05 veeps Frequen	Start Peak End of the color of	13 13 	Importance=88 Peakc/s=96 Wavelength=1375A III/2 410/60	Qual=03 Qual=01 Code=00	Tot Cts=555 Exp #=70474	MaxkeV=131 Rast=10"x10"	Step=0"	Pitch=+778	Pitch=+778",Yaw=-386"
Event # 88/07/13	= 9214 3,09:49		4	SMM Pointing:	S20E61		Pitch=+64", Yaw=+849", Roll=-20deg	-+849", Roll	=-20deg	H. Ang=64deg
GOES O HXRBS O UVSP O	5.45.09:45 09:46:32 09:39	09:49 09:46:5	10:00 3 09:48	Importance=Cl Peakc/s=173 Wavelength=1375A	Qual=01 Code=00	Tot Cts=2817 Exp #=70481	MaxkeV=131 Rast=10"x10"	Step=0"	Pitch=+107",	", Yaw=+855"
#// //1	= 2179; 3,17:00 Start	Se	End	HaClass=SF	\$20E58	AR5075	Mac.=EKO	Carr.Lon.=150deg	,=150deg	H.Ang=62deg
GOES 1 BCS 1 FCS 1 UVSP 1	16:48 16:59 16:37	17:00 16:59	17:28 17:05	Importance=C1 CaPeak.c/s=18 Wavelength=2788A	Qual=01 Qual= 4	FePeak=17:01 Exp #=70490	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-42"	XEN=819504 1.024s/pixel ,Yaw=+755"

EVent # = 21/93 88/07/13,18:52 Start GOES 18:25 ECS 18:25 UVSP 19:08	= 21/93 1,18:52 itart 8:25 9:08	DOY=195 Peak 18:52	End times 19:15	CaPeak.c/s=37 Wavelength=2788A	Qual=00 Qual= 1	FePeak=18:55 Exp #=70493	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-37",	XEN=819505 1.024s/pixel ,Yaw=+745"
Event # = 21 88/07/13,20: 60ES Start GOES 19:51 FCS 19:51 UVSP 19:45	794	DOY=195 Peak 20:08	End times 20:35	CaPeak.c/s=35 Wavelength=2788A	Qual=00 Qual= 1 88/07/14	FePeak=19:51 Exp #=70494	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-35",	XEN=819506 1.024s/pixel Yaw=+742"
*(1) (2)	= 21795 4,17:19 Start 16:58 17:08	DOY=196 Peak 17:19 17:08	End times 18:19 17:10	HaClass=SF Importance=C1 CaPeak.c/s=18 Wavelength=2788A	\$19E46 Qual=02 Qual= 2 Code=01	FеРе Ехр	Mac.=EKI FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	Carr.Lon.=149deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	7s 02s +15"	H.Ang=51deg XEN=819600 1.024s/pixel ,Yaw=+637"
Event # = 9217 88/07/14,19:55 Start GOES 19:52 HXRBS 19:52:10 BCS 19:53 FCS 19:53		DOY=196 Peak 19:55 19:52:21 19:54	End times 20:01 19:52:46 20:01	SMM Pointing: Importance=C1 Peakc/s=78 CaPeak.c/s=25 Wavelength=2788A	S20E43 Qual=01 Qual=01 Qual= 4 Code=00	Tot Cts=346 FePeak=19:57 Exp #=70549	Pitch=+140", Yaw=+699" MaxkeV=71 FePeak.c/s=13 #Peak: Rast=0"x0" Rast=180"x1" Step=	#=+699", Rol #Peaks=1 Step=0" Step=0"	,Roll=-20deg s=1 dt=7.7s 0" Cad=1.02s 0" Pitch=+22",	H.Ang=49deg XEN=819601 1.024s/pixel ,Yaw=+622"
Event # = 21 88/07/14,20: 88/07/14,20: Start GOES 20:07 GOES 20:07 FCS 20:07 UVSP 20:12	796 08 08	DOY=196 Peak 20:08 20:08	End times 20:14 20:12	Importance=C1 CaPeak.c/s=31 Wavelength=2788A	Qual=01 Qual= 1 Code=02	FePe	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+23",	XEN=819602 1.024s/pixel ,Yaw=+620"
Event # = 9218 88/07/16,09:22 Start GOES 09:18 HXRBS 09:18:32 UVSP 09:11 Radio Sweeps Radio Frequen	1 1 0	= 9218 ,09:22 DOY=198 tart Peak End tim 9:18 09:22 09:25 9:18:32 09:18:44 09:19:0 9:11 Type/Intensity Frequency(MHz)/Flux(sfu)	3 es	SMM Pointing: Importance=B8 Peakc/s=72 Wavelength=1375A 606/64	88/07/16 \$20E22 Qual=01 Qual=01 Code=00	6 DOY=198 Tot Cts=293 Exp #=70633	Pitch=+246", Yaw MaxkeV=71 Rast=10"x10"	,Yaw=+451",Roll=-20deg " Step=0" Pitch=+	l=-20deg H.Ang=33de Pitch=+233",Yaw=+407"	H.Ang=33deg , Yaw=+407"

Event # = 21 88/07/16,13: Start GOES 12:43 BCS 12:53 FCS	797	DOY=198 Peak 13:00 13:01	End times 13:34 13:02	Importance=Cl CaPeak.c/s=24 Wavelength=1375A	Qual=03 Qual= 2 Code=00	FePeak=12:55 Exp #=70650	FePeak.c/s=6 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+169",	XEN=819800 1.024s/pixel ", Yaw=+480"
Event # = 88/07/16,1 88/07/16,1 0ptical 60ES 15: HXRBS 15: FCS 15:	f = 9220 16,15:46 Start 15:44 15:44:28 15:46	DOY=198 Peak 15:46 15:46 15:46	End times 15:55 15:45:53 15:51	SMM Pointing: HaClass=SF Importance=C2 Peakc/s=166 CaPeak.c/s=122 Wavelength=1375A	\$20E19 \$25E21 Qual=01 Qual= 1 Code=02	AR5075 Tot Cts=3093 FePeak=15:45 Exp #=70663	Pitch=+265", Yaw Mac.=EKI MaxkeV=71 FePeak.c/s=38 Rast=0"x0" Rast=200"x200"	r=+405" Carr. #Peak Step= Step=	,Roll=-20deg Lon.=148deg s=1 dt= 7.7s 0" Cad=1.02s 5" Pitch=+274'	=-20deg H.Ang=31deg 148deg H.Ang=36deg dt= 7.7s XEN=819801 Cad=1.02s 1.024s/pixel Pitch=+274", Yaw=+414"
Event # = 88/07/16,1 Sta Optical GOES 16: HXRBS 16: FCS 16: UVSP 17:	= 9221 tart 6:48 6:52:33 6:53	DOY=198 Peak 17:09 16:53:34 17:08		SMM Pointing: HaClass=SF Importance=C3 Peakc/s=69 CaPeak.c/s=85 Wavelength=1375A	\$20E18 \$15E24 Qual=01 Qual=1 Qual= 1 Code=00	AR5076 Tot Cts=2687 FePeak=17:05 Exp #=70670	Pitch=+270", Yaw=+393"  Carr.  MaxkeV=71 FePeak.c/s=12 #Peak Rast=0"x0" Step= Rast=10"x10" Step=	#Peaks=1 dt=7. Step=0" Cad=1. #Step=0" Cad=1. Step=0" Pitch=	9 75 02s +263	H.Ang=30deg H.Ang=31deg XEN=819802 1.024s/pixel ", Yaw=+354"
Event # = 88/07/16,2 88/07/16,2 Sta GOES 22: HXRBS 22: UVSP 22: Radio Swee	9222 12:03 17:00 00:55 20 20 1ps	DOY=198 Peak 22:03 22:01:08 Type/I :y(MHZ)/F	1t # = 9222 37/16,22:03 DOY=198 Start Peak End times \$ 22:00 22:03 22:08 \$ 22:00:55 22:01:08 22:01:58 \$ 22:20 Type/Intensity: io Sweeps Type/Intensity:	SMM Pointing: Importance=C1 Peakc/s=62 Wavelength=2788A III/3 V/2 245/140	\$20E16 Qual=01 Qual=01	Tot Cts=582 Exp #=70680	Pitch=+283", Yaw MaxkeV=71 Rast=180"x1"	',Yaw=+358",Roll=-20deg ." Step=0" Pitch=+	l=-20deg H.Ang=29d Pitch=+165",Yaw=+281	H.Ang=29deg ", Yaw=+281"
Event # = 88/07/17,0 Sta GOES 05: HXRBS 05: UVSP 05: Radio Swee Radio Fr	9223 95:51 1rt 49 49:44 48:48	t # = 9223 17/17,05:51 D0Y=199 Start Peak i 05:49 05:51 is 05:49:44 05:49:55 05:48 Type/Ir o Frequency (MHz)/F	End times 05:55 05:50:14 ntensity: lux(sfu):	SMM Pointing: Importance=C6 Peakc/s=67 Wavelength=1375A III/3 245/420	88/07/17 S20E11 Qual=01 Qual=01 Code=00	7 DOY=199 Tot Cts=305 Exp #=70692	Pitch=+307", Yaw=+298", Roll=-20deg MaxkeV=71 Rast=10"x10" Step=0" Pitch=+	/=+298", Rol Step=0"	]=-20deg Pitch=+297	=-20deg H.Ang=27deg Pitch=+297", Yaw=+255"
Event # = 9224 88/07/17,10:56 Start GOES 10:54 HXRBS 10:56:0 BCS 10:56 FCS	9224 10:56 10:56 156:05 156:05	DOY=199 Peak 10:56 10:56:15 10:57	End times 11:00 10:57:02 10:58	SMM Pointing: Importance=C1 Peakc/s=99 CaPeak.c/s=41 Wavelength=1375A	\$20E09 Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=973 FePeak=10:57 Exp #=70715	Pitch=+321", Yaw MaxkeV=101 FePeak.c/s=11 Rast=0"x0" Rast=10"x10"	,Yaw=+261",Rol 11 #Peaks=1 Step=0" ." Step=0"	,Roll=-20deg H s=1 dt= 7.7s X 0" Cad=1.02s 1 0" Pitch=+320",	H.Ang=26deg XEN=819900 1.024s/pixel ", Yaw=+183"

88/07/1	f = 9225 $17, 13:37$	00Y=199	6 6 7 4	SMM Pointing:	S20E07		Pitch=+330", Yaw	, Yaw=+237", Roll	, Roll=-20deg	H.Ang=25deg
Optical	"—"	12.37		HaClass=SF	\$21E05	AR5075	Mac.=EKI	Carr.Lon.=152deg	=152deg	H.Ang=26deg
HXRBS BCS BCS	13:32:43 13:32:43	13:32:34 13:35	14:01 13:34:42 13:46	Importance-cz Peakc/s=219 CaPeak.c/s=92	Qual=01 Qual=01 Qual= 1	Tot Cts=10686 FePeak=13:34	MaxkeV=101 FePeak.c/s=18		dt= 7.7s X	XEN=819901
rus UVSP Radio	13:28 Frequenc	:y (MHz)	/Flux(sfu):	Wavelength=1375A Code=00 4995/100 8800/170 15400/60	Code=00 ) 15400/60	Exp #=70725 )	Rast=10"x10"	Step=0.	cau=1.025 Pitch=+383'	1.0245/pixei ",Yaw=+277"
Event #88/07/1	t # = 21798 7/17,16:57 Start	D0Y=199 Peak	End times							
GOES BCS FCS	16:17	16:57	17:15	a e	Qual=00 Qual= 1	FePeak=16:52	FePeak.c/s=16 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=819902 1.024s/pixel
U 2 L	17.03			אמיכוכווש נוו־ביו סטח		CC /0 / = dv3	Na31-100 A1		777 122.1	CT LAND
Event # 88/07/]	# = 9226 17,19:47	D0Y=199	9	SMM Pointing:	S20E04	:	Pitch=+349", Yaw=+188", Roll=-20deg	=+188", Rol	=-20deg	H.Ang=25deg
GOES HXRBS BCS	19:43 19:43:41 19:45	reak 19:47 19:44:23 19:46	20:05 19:45:33 19:50	Importance=Cl Peakc/s=125 CaPeak.c/s=40	Qual=01 Qual=01 Qual= 1	Tot Cts=2178 FePeak=19:45	MaxkeV=71 FePeak.c/s=11		dt= 7.7s	XEN=819903
FCS UVSP	19:20			Wavelength=2788A		Exp #=70742	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+228",	1.024s/p1xe! ",Yaw=+119"
Event #88/07/1	1	DOY=199		SMM Pointing:	S20E04		Pitch=+349", Yaw	, Yaw=+188", Rol	, Roll=-20deg	H.Ang=25deg
GOES HXRBS UVSP	Start 20:20 \$ 20:20:47 20:17	Peak 20:22 20:21:11	End times 20:25 20:21:28	Importance=B7 Peakc/s=47 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=153 Exp #=70743	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+231"	', Yaw=+111"
					88/07/18	3 D0Y=200				
Event 88/07/		D0Y=200		SMM Pointing:	S20E01		Pitch=+363",Yaw	, Yaw=+151", Rol	, Roll=-20deg	H.Ang=25deg
GOES HXRBS UVSP	Start 00:13 00:14:03 00:02	Peak 00:16 00:14:11	End Limes 00:25 00:14:26	Importance=B9 Peakc/s=72 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=269 Exp #=70748	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+242"	', Yaw=+82"
Event #88/07/	t # = 9228 7/18,00:31	D0Y=200		SMM Pointing:	S20E01		Pitch=+363", Yaw	, Yaw=+151", Rol	, Roll=-20deg	H.Ang=25deg
Optica.	start   	reak	r mes	HaClass=SF	\$24E02	AR5075	Mac.=EKI	Carr.Lon.=149deg	=149deg	H.Ang=29deg
HXRBS BCS BCS	00:26:16 00:28:00	00:26:41 00:29	00:27:43 00:34 00:34	Importance-ci Peakc/s=118 CaPeak.c/s=44	Qual=01 Qual=1	Tot Cts=1804 FePeak=00:28	MaxkeV=71 FePeak.c/s=13		dt= 7.7s	XEN=820000
VSP SP	00:59	T. 10 0 / 1	· · · · · · · · · · · · · · · · · · ·	Wavelength=2788A		Exp #=70749	kast=U xU Rast=180"x1"	Step=0"	Pitch=+245	1.024s/pixel ",Yaw=+74"
Radio HXRBS	Sweeps Frequenc 00:29:15	.y WHz)/F 00:30:51	quency (MHz)/Flux(sfu): 	8800/61 	Associated Qual=01	Event # = 9229 Tot Cts=538			! ! !	1 1 1 1 1

Event # 88/07/1	Event # = 9231 88/07/18,03:20	DOY=200	20 mily 4 10 cm	SMM Pointing:	S20W01		Pitch=+372", Yaw	, Yaw=+126", Roll=-20deg	I=-20deg	H.Ang=25deg
Optical		ייפאר טייט יי	בנות רווובא	HaClass=SF	\$20W08	AR5075	Mac.=EKI	Carr.Lon.=158deg	=158deg	H.Ang=26deg
HXRBS (UVSP (Radio	03:18 03:19:05 03:20 Frequenc	3:18	٠. ي	Importance=L1 Peakc/s=77 Wavelength=1375A ( 245/34 410/44 606/	Qual=01 Qual=01 5A Code=02 606/480	Tot Cts=675 Exp #=70753	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+405"	', Yaw=+44"
Event # 88/07/1	Event # = 9232 88/07/18,16:08	DOY=200	ישיי לעם	SMM Pointing:	S20W07		Pitch=+409", Yaw	, Yaw=+28", Roll=	, Roll=-20deg	H.Ang=26deg
Optical		16.00	EIIU LIIIES	HaClass=1F	S15W19	AR5075	Mac.=EKI	Carr.Lon.=162deg	=162deg	H.Ang≈27deg
HXRBS BCS BCS	15:30 16:01:11 16:00	16:03:17 16:06 16:06	16:25 16:06:31 16:16	importance=co Peakc/s=121 CaPeak.c/s=224	Qual=01 Qual=01 Qual= 1	Tot Cts=6543 FePeak=16:06	MaxkeV=71 FePeak.c/s=56		dt= 7.7s	XEN=820001
UVSP	15:41			₩avelength=2788A		Exp #=70800	Rast=U"xU" Rast=180"x1"	Step=0"	Cad=1.025 1 Pitch=+288",	1.U245/p1xel ",Yaw=+214"
Event # 88/07/1	# = 9233 7/18,16:29	DOY=200		SMM Pointing:	S20W07		Pitch=+409", Yaw	, Yaw=+28", Roll=-20deg	20deg	H.Ang=26deg
_	Start	ר הם ה	End times	HaClass=1F		AR5075	Mac.=EKI	Carr.Lon.=157deg	=157deg	H.Ang=29deg
HXRBS BCS BCS	16:24:56 16:24:56 16:26	16:26:08 16:26:08 16:27	16:42 16:30:18 16:35	<pre>Importance=US Peakc/s=2254 CaPeak.c/s=123</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=62809 FePeak=16:27	MaxkeV=257 FePeak.c/s=27	-	dt= 7.7s	XEN=820002
	16:39	F/		Wavelength=2788A		Exp #=70801	kast=0 x0" Rast=180"x1"	Step=0" Step=0"	cad=1.028 Pitch=+291"	1.UZ4S/P1Xe1 ",Yaw=+206"
	weeps Frequen	cy (MHz)/F	<pre>Sweeps</pre>	245/500 410/2300	606/8200	1415/180 2695/2	1415/180 2695/280 4995/340 8800/140 15400/81	1/140 15400/	/81	
					88/07/19	9 D0Y=201				
Event # 88/07/1	t # = 9234 7/19,00:37	DOY=201		SMM Pointing:	S20W12		Pitch=+430",Yaw	,Yaw=-34",Rol}=	, Roll=-20deg	H.Ang=27deg
·~		00.37	CING CIMES	HaClass=IN	\$24W19	AR5075	Mac.=EKC	Carr.Lon.=157deg	=157deg	H.Ang=34deg
HXRBS BCS BCS	00:25:41 00:28	00:27:05 00:33	00:33:25 00:35	Peakc/s=232 CaPeak.c/s=349	Qual=01 Qual=1	Tot Cts=19531 FePeak=00:33	MaxkeV=131 FePeak.c/s=97	#Peaks=1	dt= 7.7s	XEN=820100
	00:28 Frequenc	0:28 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A Code=01 606/130 2695/54 4995/86	Code=01 4995/86 8	Exp #=70811 8800/49	kast=U"xU" Rast=180"x1"		cad=1.02s Pitch=+312"	1.0245/p1xel ",Yaw=+145"
Event # 88/07/1	t # = 9235 7/19,01:45 Start	DOY=201	pod +	SMM Pointing:	S20W12		Pitch=+435", Yaw=-46"	/=-46", Roll=	, Roll=-20deg	H.Ang=28deg
~	3 cm c	1 can	00.00		\$21W12	AR5075	Mac.=EKC	Carr.Lon.=149deg	=149deg	H.Ang≃28deg
HXRBS UVSP Radio	01:42:21 01:14 Frequen	01:42:58 cy(MHz)/F	01:42:21 01:42:58 01:44:07 01:14 Frequency (MHz)/Flux(sfu):	Peakc/s=3527 Wavelength=2788A 245/55 8800/81	Qual=01 Code=00	Tot Cts=295 Exp #=70812	MaxkeV=101 Rast=243"x243"	Step=3"	Pitch=+442"	', Yaw=-34"

Event # = 9236 88/07/19,07:58 Start	D0Y=201	Fnd times	SMM Pointing:	S20W16		Pitch=+451", Ya	, Yaw=-95", Roll=	, Roll=-20deg	H.Ang=29deg
Optical GAFS 07.52	07.58	80.80	HaClass=SF	\$26W22	AR5075	Mac.=EKC	Carr.Lon.=	=156deg	H.Ang=37deg
WKRBS 07:51:09 (WKRBS 07:51:09 07:56 Radio Sweeps Radio Frequency	07:51 07:51:09 07:52:58 07:55:2 07:56 Type/Intensity Frequency(MHz)/Flux(sfu)	m	Importance=U/ Peakc/s=21453 Qual=01 Wavelength=1375A Code=00 III/3 606/33 2695/110 4995/130	Qual=01 Qual=01 Code=00 4995/130	Tot Cts=621 Exp #=70840 8800/56	MaxkeV=161 Rast=10"x10"	Flags=M5 Step=0"	Pitch=+546",Yaw≃-157	", Yaw=-157"
Event # = 9237 88/07/19,12:22	D0Y=201	+	SMM Pointing:	S20W19		Pitch=+463", Ya	,Yaw=-132",Roll=-20deg	=-20deg	H.Ang≖31deg
Optical	12.22	ואיען רוווב	HaClass=SF	\$21425	AR5075	Mac.=EKC	Carr.Lon.=156deg	156deg	H.Ang=36deg
HXRBS 12:10:56 UVSP 12:14 Radio Sweeps	12	12:25:53 tensity:	Importance=c3 Peakc/s=273 ( Wavelength=1375A ( IV/3	Qual=01 Qual=01 Code=00	Tot Cts=9582 Exp #=70859	MaxkeV=131 Rast=10"x10"	Flags=M5 Step=0"	Pitch=+485"	', Yaw=-148"
Event # = 9238 88/07/19,14:39			SMM Pointing:	S20W19		Pitch=+467", Ya	, Yaw=-143", Roll:	, Roll=-20deg	H.Ang=31deg
GOES 14:38 HXRBS 14:37:49 UVSP 14:36	14:39 14:38:05	End times 14:43 14:38:24	Importance=C1 Peakc/s=59 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=255 Exp #=70867	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+348"	', Yaw≖+36"
Event # = 9239 88/07/19,15:23	DOY=201	+ to 2	SMM Pointing:	S20W20		Pitch=+472", Ya	, Yaw=-154", Roll=-20deg	=-20deg	H.Ang=32deg
GOES 15:20 HXRBS 15:20:37 UVSP 15:11	reak 15:23 7 15:21:01	End Cilles 15:32 15:21:11	Importance=Cl Peakc/s=59 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=301 Exp #=70868	MaxkeV=71 Rast=180"x1"	Step=0" F	Pitch=+351"	', Yaw=+32"
Event # = 9240 88/07/19,15:53		+ 70	SMM Pointing:	S20W20		Pitch=+472", Yaw=-154", Roll=-20deg	W=-154", Roll=	=-20deg	H.Ang=32deg
GOES 15:50 HXRBS 15:52:57 UVSP 16:09	reak 15:53 7 15:53:05	End times 16:01 15:54:19	Importance=Cl Peakc/s=64 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=681 Exp #=70869	MaxkeV=71 Rast=180"x1"	Step=0" F	Pitch=+353"	', Yaw=+25"
Event # = 9242 88/07/19,21:39	D0Y=201		SMM Pointing:	S20W24		Pitch=+487", Ya	, Yaw=-201", Roll=	, Roll=-20deg	H.Ang=34deg
otical hes			HaClass=SF	S24W30	AR5075	Mac.=EKC	Carr.Lon.=156deg	156deg	H.Ang=41deg
HXRBS 21:38:54 UVSP 21:28	21:39:10	21:40:54	Peakc/s=52 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=653 Exp #=70876	MaxkeV=101 Rast=180"x1"	Step=0" F	Pitch=+366"	, Yaw=-14"
Event # = 9243 88/07/19,23:58	D0Y=201	+ PG	SMM Pointing:	S20W24		Pitch=+491",Ya	, Yaw=-212", Roll=-20deg	20deg	H.Ang=34deg
GOES 23:51 HXRBS 23:52:36 UVSP 00:00 Radio Frequenc	3:51 23:58 00:03 3:52:36 23:54:05 23:57:1 0:00 Frequency(MHz)/Flux(sfu)	ე ლ	Importance=C2 Peakc/s=66 Wavelength=2788A 245/280	Qual=01 Qual=01 Code=02	Tot Cts=1388 Exp #=70879	MaxkeV=71 Rast=180"x1"	Step=0" P	Pitch=+372",Yaw=-33"	, Үам=-33"
							,		

		88/07/20	DOY=202				
Fvent # = 9241							
32 DOY=202	SMM Pointing:	S20W29		Pitch=+513",Yaw=-	,Yaw=-279",Roll=-20deg	g H.Ang=38deg	Ď.
Start reak Enu	HaClass=SF	S24W37	AR5075	Mac.=EKI C	Carr.Lon.=157deg	H.Ang=46deg	Ď.
GOES 09:25 09:32 09:40 HXRBS 09:25:08 09:27:19 09:28:34 UVSP 09:30 Radio Frequency(MHz)/Flux(sfu):	<pre>Importance=C2 Peakc/s=141 Wavelength=1375A 245/160 410/81</pre>	Qual=02 Qual=01 Tot Code=01 Exp	Cts=4758 #=70907	MaxkeV=131 Rast=200"x200" S	Step=5" Pitch	Pitch=+522",Yaw=-273"	
D0Y=202	SMM Pointing:	S20W35		Pitch=+533", Yaw=-343", Roll=-20deg	.343", Roll=-20de	eg H.Ang=42deg	<b>b</b> i
GOES 18:41 18:44 18:46 HXRBS 18:43:34 18:44:24 18:44:50 UVSP 18:04	Importance=C1 Peakc/s=55 Wavelength=1375A	Qual=01 Qual=01 Tot Code=00 Exp	Cts=586 #=70923	MaxkeV=71 Rast=40"x40" S	Step=5" Pitch	Pitch=+579",Yaw=-388	_
202	SMM Pointing:	S20W35		Pitch=+533", Yaw=-343"	.343", Roll=-20deg	eg H.Ang=42deg	p
Start reak End	HaClass=SF	\$22W44	AR5075	Mac.=EKI C	Carr.Lon.=159deg	H.Ang=51deg	Đ
GOES 18:47 18:49 18:51 HXRBS 18:49:03 18:49:28 18:49:49 UVSP 18:04	Importance=89 Peakc/s=53 Wavelength=1375A	Qual=01 Qual=01 Tot Code=00 Exp	Cts=224 #=70923	MaxkeV=71 Rast=40"x40" S	Step=5" Pitch	Pitch=+579",Yaw=-388"	
		88/07/21	D0Y=203				
203	SMM Pointing:	S20W42		Pitch=+557",Yaw=-427",	.427", Roll=-20deg	eg H.Ang=48deg	<b>S</b> î
Feak	HaClass=1N	S19W49	AR5075	Mac.=EKI (	Carr.Lon.=157deg	y H.Ang=54deg	<b>p</b> r
GOES 07:08 07:12 07:23 HXRBS 07:06:59 07:08:11 07:17:09 BCS 07:09 07:11 07:16	<pre>importance=cs Peakc/s=215 CaPeak.c/s=64</pre>	Qual=11 Tot Qual=11 FePe Qual= 1 FePe	Tot Cts=4608 FePeak=07:10	MaxkeV=131 F FePeak.c/s=12 #		dt= 7.7s XEN=820300	
07:20	Wavelength=2788A	Code=02	Exp #=70961		Step=0" Pitch	-+437", Yaw=-243	_ _ پا
Radio Sweeps   Jype/Intensity: Radio Frequency(MHz)/Flux(sfu):	245/220 410/1000	506/210	2695/76 8800/44 1	15400/27			
Event # = 12767 88/07/21,08:20 DOY=203	SMM Pointing:	S20W42		Pitch=+557", Yaw=-427",	-427", Roll=-20deg	eg H.Ang=48deg	Ďá
NXRBS 08:20:27 08:20:30 08:21:00 UVSP 08:54	Peakc/s=63 Wavelength=2788A	Qual=01 Tot Exp	Cts=182 #=70962	MaxkeV=599 F Rast=180"x1" S	Flags=NS,GB Step=0" Pitch=+440"	-+440", Yaw=-253"	_
		88/07/22	D0Y=204				
Event # = 9248 88/07/22,01:59 DOY=204	SMM Pointing:	N05W00		Pitch=+0",Yaw=+0",	', Roll=0deg	H.Ang=Odeg	-
11:51 01:59 02:05		S17W58 Qua]=01			Carr.Lon.=155deg	y H.Ang=61deg	Đ.
HXRBS 01:54:19 01:54:39 01:56:49 Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):	Peakc/s=68 III/3 245/100 410/58 60	Qual=Ul lot 606/45	Cts=620	Maxkev=/⊥			

H. Ang=0deg H. Ang=90deg	eg H.Ang=Odeg Pitch=+607", Yaw=-575"	=-20deg H.Ang=64deg Pitch=+481", Yaw=-415"	=-20deg H.Ang=64deg 156deg H.Ang=71deg Pitch=+481", Yaw=-415"	=-20deg H.Ang=65deg Pitch=+483", Yaw=-426"	=-20deg H.Ang=66deg Pitch=+486", Yaw=-440"
deg .=4deg	7deg Pitch=+60	]=-20deg	20deg  =156deg  Pitch=+48	]=-20deg	]=-20deg Pitch=+486
=+3", Roll=Odeg Carr.Lon.=4deg	=+0", Roll=	w=-598", Rol Flags=SN Step=0"	w=-598",Roll=-20de Carr.Lon.=156deg Step=0" Pitch=-	W=-609", Rol Step=0"	w=-620",Rol Step=0"
Pitch=+1", Yaw=+3", Roll=Odeg Carr.Lon.=4	Pitch=+0", Yaw=+0", Roll=-7deg MaxkeV=71 Rast=243"x243" Step=3" Pi	Pitch=+602", Yaw=-598", Roll=-20deg MaxkeV=101 Flags=SN Rast=180"x1" Step=0" Pitch=+	Pitch=+602", Yaw=-598", Roll=-20deg Mac.=EKI Carr.Lon.=156deg MaxkeV=131 Rast=180"x1" Step=0" Pitch=+	Pitch=+603", Yaw=-609", Roll=-20deg MaxkeV=71 Rast=180"x1" Step=0" Pitch=+	Pitch=+606", Yaw=-620", Roll=-20deg MaxkeV=131 Rast=180"x1" Step=0" Pitch=+
AR5084 Tot Cts=34000	Tot Cts=212 Exp #=70969	Tot Cts=198 Exp #=70972	AR5075 Tot Cts=752 Exp #=70972	Tot Cts=452 Exp #=70975	Tot Cts=2049 Exp #=70978
N05W00 S20E88 Qual=03 Qual=01	NO5W00 Qual=01 Qual=01	S20W60 Qual=00 Qual=02	\$20W60 \$22W67 Qual=01 Qual=01 Code=00	S20W61 Qual=03 Qual=01 Code=00	S20W63 Qual=03 Qual=01
SMM Pointing: HaClass=SF Importance=C7 Peakc/s=286	S F F F F F F F F F F F F F F F F F F F	SMM Pointing: Peakc/s=71 Wavelength=2788A	SMM Pointing: HaClass=SF Importance=C1 Peakc/s=100 Wavelength=2788A	SMM Pointing: Importance=C1 Peakc/s=50 Wavelength=2788A	SMM Pointing: Importance=C1 Peakc/s=97 Wavelength=2788A III/1
= 9249 2,11:24 DOY=204 Start Peak End times 11:07 11:24 11:59 11:08:56 11:14:34 11:23:35	1 10	DOY=204 Peak End times 16:57:50 16:58:10	End times 17:03	)4 End times 19:44 :35 19:16:54	End times 23:05 22:17:21 tensity:
Event # = 9249 88/07/22,11:24 DOY= Start Peak Optical GOES 11:07 11:2 HXRBS 11:08:56 11:1	= 9250 2,13:03 DOY= 5,13:03 DOY= 5,13:03 13:0 13:00 13:0 13:01:32 13:0 13:52 Frequency(MH	7/22,16:57 D0Y=204 Start Peak 5 16:57:28 16:57:50		//22,19:22 DOY=204 //22,19:22 DOY=204 Start Peak 19:15 19:22 19:15:21 19:16:3	t # = 9253 7/22,22:19 DOY=204 Start Peak 21:57 22:19 5 22:14:16 22:16:25 23:05 Type/In
Event # 88/07/2 Optical GOES HXRBS	Event # 88/07/22 GOES HXRBS UVSP Radio	Event # 88/07/22 GOES HXRBS UVSP	Event # = 9252 88/07/22,17:01 Start Optical GOES 17:00 HXRBS 17:01:08 UVSP 16:50	Event # 88/07/22 60ES   HXRBS   UVSP	Event # 88/07/22 GOES 2 HXRBS 2 UVSP 2 Radio Sw

					28/07/23	2 DOV=205					1
Event 88/07/	t # = 21799 7/23,13:18 Start	DOY=205 Peak	End times	21-22-17	10000		OHU = Jew	not med		napoy=pag	1
GOES Brs	13:13	13:18	13:53		0ual=05	Febbak=13·19	nacrno FeDeak c/c≡Q		75	1. MIN-USACY	
FCS UVSP Radio	: :: 8:2	Type/Ir	ntensity: lux(sfu):	elength=2788A /3 V/3 /700	Code=00	Exp #=71012	Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+492",	1.024s/pixel ", Yaw=-486"	
Event 88/07/	t # = 9255 7/23,15:14	DOY=205	-	SMM Pointing:			Pitch=-36", Yaw=+947"	+947", Roll=	, Roll=-20deg		1
Optical	Start 1]	reak	nd times	HaClass=SF	N14E68	AR5085	Mac.=DSO	Carr.Lon.=9deg	•	H.Ang=67deg	
GUES HXRBS UVSP	15:01 15:12:15 14:45	15:14 15:12:57	15:16 15:13:32	Importance=L1 Peakc/s=57 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=368 Exp #=71014	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-155"	', Yaw=+873"	
Event 88/07/	t # = 9256 7/23,18:29	D0Y=205		SMM Pointing:			Pitch=-36", Yaw=+947"	+947", Roll=	, Roll=-20deg		1
Optica Optica	• •		S L I		N12E64 S24W78	AR5085 AR5075	Mac.=DSO	Carr.Lon.=11deg Carr.Lon.=153deg		H.Ang=64deg H.Ang=81deg	
GOES HXRBS UVSP	18:19 18:21:44 18:52	18:29 18:24:15	18:52 18:24:43	Importance=C1 Peakc/s=68 Wavelength=2788A	Qual=01 Qual≖01	Tot Cts=1105 Exp #=71019	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-155"	, Yaw=+873"	
					88/01/24	4 DOY=206			reinkare terdeskribeteraken de strocker de staten er er er		
Event 88/07/	# = 9449 /24,07:03	DOY=206		SMM Pointing:	S17E84		Pitch=-34", Yaw=+943", Roll=-20deg	+943", Roll=		H.Ang=86deg	1
GOES HXRBS BCS	o6:37 06:37 06:38:18 06:39	reak 07:03 06:47:16 06:59	End times 10:16 07:28:49 07:30	Importance=M3 Peakc/s=806 CaPeak.c/s=1186	Qual=03 Qual=11 Qual= 1	Tot Cts=2.54E+5 FePeak=06:55	MaxkeV=327 FePeak.c/s=291		5, I, DG 1 dt= 7.7s	XEN=820600	
UVSP Badio	Ü	Tvne/I		Wavelength=1375A	Code=00	Exp #=71046	Rast=130"x130"	Step=5"	cau= 1003 Pitch=+40",	Yaw=+889"	
ag g	ħ	(MHz)/F		14.	4995/25	15/340 2695/570 4995/250 8800/110 15400/56			1	1	
SS	09:41	09:44	10:38	AS CaPeak.c/s=119	Qual= 5	FePeak=09:42	FePeak.c/s=10	#Peaks=1	dt= 7.7s		
UVSP	09:35			Wavelength=2788A		Exp #=71052	Rast=180"x1"			", Yaw=+873"	
Event 88/07/	t # = 21801 7/24,11:18 Start	DOY=206 Peak	End times								
GOES BCS	11:15	11:18	12:11	CaPeak.c/s=37	Qua1=00 Qua1= 5	FePeak=11:24	FePeak.c/s=7	#Peaks=1	dt= 7.7s X	XEN=820604	
UVSP	11:09			Wavelength=2788A		Exp #=71054	Rast=180"x1"		Pitch=-155"	, Yaw=+873"	

Peak   End times   HaClass=1N   S22W36   AB5087   Hac.=CR0   Carr   16:00:16   16:03:47   PeakC/s=26   Quai=01   Tot Cts=252   MaxkeW=71   Step   PeakC/s=35   Wavelength=2788A   Code=01   Exp #=71060   Rast=180"x1"   Step   Peak   S22E31   Rast=180"x1"   Step   Peak   S22E31   Pitch=160", Yaw=779   Peak   S22E32   Pitch=160", Yaw=779   Peak   S22E31   Pitch=160", Yaw=779   Peak   S22E31   Pitch=160", Yaw=779   Peak   S22E31   Pitch=160", Yaw=779   Peak   S22E32   Pitch=160", Yaw=779   Peak   S22E32   Pitch=160", Yaw=779   Peak   S22E32   Pitch=160", Yaw=779   Peak   S22E32   Pitch=160", Yaw=778   Peak   Pointing: S23E45   Pitch=160", Yaw=778   Peak   Paont-tance=180   Pitch=160", Yaw=778   Peak   Paont-tance=180   Pitch=160", Yaw=778   Peak   Paont-tance=180   Pitch=160", Yaw=778   Peak   Paont-tance=180   Pitch=160", Yaw=778   Peak   S22E32   Pitch=160", Yaw=778   Peak   Peak   S22E30   Pitch=160", Yaw=778   Peak   S22E30   Pitch=160", Yaw=778   Peak   S22E30   Pitch=160", Yaw=778   Peak   Peak   S22E30   Pitch=160", Yaw=778   Peak   Pea	Event # = 9257 88/07/24,16:05	= 9257 4,16:05	D0Y=206		SMM Pointing:	S20E84		Pitch=+16", Yaw=	, Yaw=+944", Roll	, Roll=-20deg	H. Ang=86deg
16:00:16   16:03:47   PeakC/s=28	Optical	Start			HaClass=IN	\$22¥36	AR5087	Mac.=CRO	Carr.Lon.	=99deg	H.Ang=45deg
S8/07/25	HXRBS UVSP	15:59:42 15:59:42 15:50	16:00:16	16:40 16:03	Importance=C4 Peakc/s=82 Wavelength=2788A		Tot Cts=2252 Exp #=71060	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-106'	', Yaw=+874"
DOY=207  Fig. 10						88/07/2					
09:32:00 09:32:40 PeakC/s=58 Qual=01 Tot Cts=562 PaxkeV=71 Step=0" Pitch=+444"  D0V=207 SMM Pointing: S23E51 Pitch=+160", Vaw=+779", Roll=-20deg PeakC/s=786 Qual=01 Tot Cts=66029 Peak Code=UPS S31W90 AR5075 Mac.=HHX Carr.Lon.=143deg O9:55:00 10:04:18 PeakC/s=786 Qual=01 Tot Cts=66029 PaxkeV=224 PeakC/s=786 Qual=0 Tot Cts=66029 Peak PeakC/s=786 Qual=0 Tot Cts=66029 Peak C/s=10 Step=0" Pitch=+44" Peak Peak Cts=27 Qual=0 Tot Cts=670 Pointing: S23E45 Peak=19:12 PeakC/s=786 Qual=0 Tot Cts=3003 PeakC/s=786 Qual=0	Event # 88/07/2	= 9258 5,09:38	DOY=207	+	SMM Pointing	\$23E51		Pitch=+160",Yaw	#=+779", Rol	]=-20deg	H.Ang=57deg
DOY=207  DOY=207  DOY=207  End times  Code=102  Gual=01  DOY=207  Code=102  Gual=01  DOY=207  Code=102  Gual=01  DOY=207  Code=102  Gual=01  DOY=207  Februarian  Code=102  Exp #=71115  Rast=180"x1"  Rast=130"x130"  Step=0"  Gual=01  DOY=207  Peak  Exp #=71131  Rast=130"x130"  Step=0"  Rast=130"x130"  Step=0"  Rast=130"x130"  Step=0"  Rast=130"x130"  Step=0"  Rast=130"x130"  Step=10  Cade=25.6s  Mavelength=1375A  Gual=01  Code=102  Gual=01  Code=102  Code=102s  Rast=26"x26"  Rast=20"x26"   GOES (HXRBS (UVSP )	3547 09:28 09:31:16 10:01	9:38 9:32	09:53 09:32:40	Impor Peak. Wavel	Qual=01 Qual=01	Tot Cts=562 Exp #=71115	×	Step=0"	Pitch=+44",	, Yaw=+700"	
Code=LPS	Event # 88/07/25	= 9259 5,09:56		+		S23E51		Pitch=+160", Yaw	r=+779", Rol	1=-20deg	H.Ang=57deg
09:55:20 10:04:18	Optical	פרמור סיימי		ניות רוווופא	Code=LPS	S31W90	AR5075	Mac.=HHX	Carr.Lon.	=143deg	H.Ang=93deg
DOY=207 Peak End times  Qual=00  19:18	HXRBS (UVSP )	20-	09:55 09:55:20 cy(MHz)/F	10:01 10:04:18 1ux(sfu):	Importance=t1 Peakc/s=786 Wavelength=2788A 245/5800 1415/810	Qual=01 Qual=01 Code=02 ) 2695/56(	Tot Cts=46029 Exp #=71115 ) 4995/500 8800/	MaxkeV=224 Rast=180"x1" /280 15400/110	Step=0"	Pitch=+44",	,Yaw=+700"
19:18 19:18 CaPeak.c/s=27 Qual= 2 FePeak=19:12 Rast=0"x0" Step=0" Cad=1.02s Havelength=1375A Exp #=71131 Rast=130"x130" Step=0" Cad=1.02s Havelength=1375A Exp #=71131 Rast=130"x130" Step=0" Cad=1.02s Peak Havelength=1375A Carcles HaClass=2F S27E50 AR5084 Mac.=HSX Carcles Step=5" Pitch=+157" Americal HaClass=2F S27E50 AR5084 Mac.=HSX Carcles Step=5" Carcles Cad=25.6s Havelength=1375A Code=00 Exp #=71132 Rast=25"x25" Step=5" Pitch=+197" Americal	Event # 88/07/25	= 21802 5,19:18 Start	D0Y=207 Peak	End times							
DOY=207  DOY=207  DOY=207  DOY=207  Exp #=71131  Rast=130"x130" Step=0" Cad=1.02s  Peak  DOY=207  Exp #=71131  Rast=130"x130" Step=5" Pitch=+157  Peak  DOY=207  Exp #=71131  Rast=130"x130" Step=5" Pitch=+157  Peak  DOY=207  Peak  Exp #=71131  Rast=130"x130" Step=5" Pitch=+157  Peak  DOY=20:042  Capeak.c/s=75  Qual=00  Capeak.c/s=75  Qual=00  Exp #=71132  Rast=265"x265" Step=5" Pitch=+197  Rast=265"x265" Step=5" Pitch=+197  Rast=265"x265" Step=5" Pitch=+197  Rast=20:053  Qual=00  20:42  CaPeak.c/s=75  Qual=00  Qual=00  Exp #=71135  Rast=130"x130" Step=6" Pitch=+157  Rast=130"x130" Step=6" Pitch=+245	38.55 S. S. S	19:11	19:18	19:18		Qual=00 Qual= 2	FePeak=19:12	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=820700
DOY=207  DOY=207  End times  HaClass=2F S27E50  AR5084  Hac.=HSX  Carr.Lon.=358deg  20:12  20:12  20:37  Importance=M2  Qual=01  20:09  20:42  CaPeak.c/s=726  Qual=00  DOY=207  Peak  Bac.=HSX  Carr.Lon.=358deg  Mac.=HSX  Carr.Lon.=358deg  Mac.=HSX  Carr.Lon.=358deg  AxkeV=43  FePeak.c/s=90  Rast=25.x25"  Rast=25x25"  Rast=265x25"  Rast=265x25"  Rast=265x25"  Pitch=+197"  Qual=00  Qual=00  Qual=00  Qual=00  Cad=688s  Mavelength=1375A  Exp #=71135  Rast=0.x0"  Step=5"  Cade 688s		19:13			Wavelength=1375A		Exp #=71131	Rast=0~x0" Rast=130"x130"	Step=U" Step=5"	Cad=1.02s Pitch=+157"	1.U24s/p1xel ',Yaw=+776"
20:12 20:37 Importance=M2 Qual=01 Tot Cts=3003 MaxkeV=43	Event # 88/07/25	= 9260 5,20:12	DOY=207	Fnd +imes	Pointing	S23E45		Pitch=+187", Yaw	/=+726", Rol	]=-20deg	H.Ang=52deg
20:08:23 20:11:00 20:14:25 Peak.c./S=75 Qual=01 Tot Cts=3003 MaxkeV=43 20:09 20:09 20:42 CaPeak.c/s=75 Qual=01 FePeak=20:09 FePeak.c/s=90 #Peaks=1 dt=3.8s 20:09 20:09 20:42 CaPeak.c/s=75 Qual=01 FePeak=20:09 FePeak.c/s=90 #Peaks=1 dt=3.8s 20:01	Optical Corrections		20.12	20.37		\$27E50	AR5084	Mac.=HSX	Carr.Lon.	=358deg	H.Ang=58deg
20:11   Wavelength=1375A Code=00   Exp #=71132   Rast=265"x265"   Step=5"   Pitch=+197"   = 21803   5,20:42   D0Y=207   Start   Peak   End times   Qual=00   20:42   20:42   20:53   CaPeak.c/s=35   Qual= 5   FePeak=20:43   FePeak.c/s=10   #Peaks=1   dt= 7.7s   Rast=0"x0"   Step=0"   Cad= 688s   20:31   Wavelength=1375A   Exp #=71135   Rast=130"x130"   Step=5"   Pitch=+245"	HXRBS*	20:08:23 20:09	20:11:00 20:09	20:14:25 20:42		Qual=01 Qual=01 Qual= 5	Tot Cts=3003 FePeak=20:09	MaxkeV=43 FePeak.c/s=90	#Peaks=1	dt= 3.8s	XEN=820701
t # = 21803 7/25,20:42 DOY=207 Start Peak End times Qual=00 20:42 20:42 20:53 CaPeak.c/s=35 Qual= 5 FePeak=20:43 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad= 688s 20:31 Wavelength=1375A Exp #=71135 Rast=130"x130" Step=5" Pitch=+245	UVSP 2	20:11			Wavelength=1375A		Exp #=71132	Kast=25, X25 Rast=265"x265"	Step=5"	cad=25.bs Pitch=+197"	1.024s/plxel ',Yaw=+733"
Qual=00 20:42 20:42 20:53 CaPeak.c/s=35 Qual= 5 FePeak=20:43 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad= 688s 20:31 Wavelength=1375A Exp #=71135 Rast=130"x130" Step=5" Pitch=+245	Event # 88/07/25 S	= 21803 5,20:42 start	1	End times		,					
20:31 Wavelength=1375A Exp #=71135 Rast=130"x130" Step=5" Pitch=+245		20:42	20:42	20:53	k.c/s=35	Qual=00 Qual= 5	FePeak=20:43	FePeak.c/s=10			XEN=820702
		20:31			Wavelength=1375A		Exp #=71135	Rast=130"x130"			., Yaw=+759"

Importance=C2 Qual=04 Rest=21:44 FePeak.c/s=7 #Peaks=1 dt=7.7s XEN=820703 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel Wavelength=1375A Code=00 Exp #=71138 Rast=265"x265" Step=5" Pitch=+201", Yaw=+724" Rast=265"x265", Yaw=+685", Roll=-20deg H.Ang=49deg H.Ang=49deg H.Ang=eak.c/s=2 Qual=01 Tot Cts=893 MaxkeV=71 Rest=0"x0" Step=0" Cad=1.02s 1.024s/pixel Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel Rast=250"x250" Step=3" Pitch=+213", Yaw=+698"	<pre>imes Importance=C3 Qual=O4 CaPeak.c/s=15 #Peaks=1 dt= 7.7s XEN=820801 CaPeak.c/s=139 Qual= 5 FePeak=10:16 FePeak.c/s=15 #Peaks=1 dt= 7.7s XEN=820801 Rast=0". Step=0". Cad=1.02s 1.024s/pixe1 Wavelength=2788A Code=O0 Exp #=71163 Rast=180"x1" Step=0" Pitch=+106", Yaw=+570"</pre>	SMM Pointing: S23E36 Pitch=+229",Yaw=+635",Roll=-20deg H.Ang=45deg imes Importance=C2 Qual=01 Tot Cts=1374 MaxkeV=101 Step=0" Pitch=+112",Yaw=+555" Wavelength=2788A Code=02 Exp #=71166 Rast=180"x1" Step=0" Pitch=+112",Yaw=+555"	SMM Pointing: N05W00 Pitch=+0",Yaw=+0",Roll=-20deg H.Ang=Odeg imes Importance=B9 Qual=01 :37 Peakc/s=43 Qual=01 Tot Cts=189 MaxkeV=71 Wavelength=2788A Exp #=71169 Rast=180"x1" Step=0" Pitch=-121",Yaw=-70"	imes Qual=00 CaPeak.c/s=25 Qual= 4 FePeak=19:41 FePeak.c/s=6 #Peaks=1 dt= 7.7s XEN=820802 Rast=0"x0" Step=0" Cad=1.02s 1.024s/pixel Wavelength=1375A Exp #=71176 Rast=265"x265" Step=5" Pitch=+245",Yaw=+592"	
Qual=01 Qual=01 Qual= 4 8A Code=00	Qual=04 Qual= 5 8A Code=00	\$23E36 Qual=01 Qual=01 Code=02	N05W00 Qual=01 Qual=01	Qual=00 Qual= 4	
End times SM 02:40:17 Pe 02:59 Ca Ma	Imp CaP Wav	End times 12:46 12:39:04	End times 15:19 15:11:37	End times 19:45 CaP Way	
Peak 21:47 21:48 21:48 DOY=208 Peak 02:49 02:39:2	05 6 DOY=208 Peak 10:16 10:16	22 DOY=208 Peak 12:40 47 12:37:19	63 13 D0Y=208 19 Peak 15:13 :09 15:11:23	10 007=208 Peak 19:41	
60ES 21:47 60ES 21:44 ECS 21:44 FCS 21:44 FCS 21:44 FCS 21:45 UVSP 21:45 Event # = 9261 88/07/26,02:49 Start GOES 02:28 HXRBS 02:28 HXRBS 02:38:43 BCS 02:44 ECS 62:28 HXRBS 02:28 HXRBS 02:28 HXRBS 02:28 HXRBS 02:28	Event # = 21805 88/07/26,10:16 Start GOES 10:08 BCS 10:15 FCS 10:08	Event # = 9262 88/07/26,12:40 Start GOES 12:36 HXRBS 12:36:47 UVSP 12:41	Event # = 9263 88/07/26,15:13 Start GOES 15:11 HXRBS 15:11:09 UVSP 14:50	Event # = 21806 88/07/26,19:41 Start GOES BCS 19:40 FCS UVSP 19:40	

Event #	= 9265 7 01.50	DOV=200		CMM Dointing.	C22E28		Di+ch-1256" Vall-1530"	[AG "0634-1	0011= 20dog	D Annual Control
XRB X	Start 01:56 01:56:22 01:48	01: 01:	End times 02:02 01:57:14	ortance=C kc/s=9 elength=2		Tot Cts=681 Exp #=71192	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+135"	", Yaw=+469"
Event # 88/07/2 GOES HXRBS	t # = 9266 7/27,03:40 Start 03:33 S 03:33:37	D0Y=209 Peak 03:40 03:35:32	End times 03:50 03:37:58	SMM Pointing: Importance=C3 Peakc/s=90	\$22E28 Qual=01 Qual=01	Tot Cts=3280	Pitch=+260", Yaw=+527", Roll=-20deg	w=+527", Ro1	]=-20deg	H.Ang=38deg
GVSr 88/07/2 GOES BCS FCS UVSP	03:22 1/27,04:23 5tart 04:22 04:20	D0Y=209 Peak 04:23	End times 04:26	CaPeak.c/s=21	Qual=00 Qual= 4	Exp #=71194 FePeak=04:24	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+142"	dt= 7.7s XEN=820900 Cad=1.02s 1.024s/pixel Pitch=+142", Yaw=+452"
Event # 88/07/2 GOES BCS FCS UVSP	t # = 21808 7/27,08:52 Start 08:51 09:03	D0Y=209 Peak 08:52	End times 09:06	CaPeak.c/s=21 Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=08:54 Exp #=71201	FePeak.c/s=5 Rast=0"x0" Rast=180"x1"		dt= 7.7s X Cad=1.02s 1 Pitch=+156",	XEN=820901 1.024s/pixel ", Yaw=+419"
Event # 88/07/2 Ontical	Event # = 9267 88/07/27,09:59 Start Ontical	DOY=209 Peak	End times	SMM Pointing: Ha Class=SF	S22E24	405090	Pitch=+279", Yaw	, Yaw=+484", Roll	, Roll=-20deg	H.Ang=36deg
GOES GOES HXRBS BCS FCS UVSP Radio	09:53 09:56:22 09:58 09:39 Frequenc	09:53 09:59 10:00 09:56:22 09:56:54 09:55 09:58 09:58 10:00 09:39 Frequency (MHz)/Flux(s	4 7:43 3 fu):	6 888 0/16	Code=01	Tot Cts=1770 FePeak=09:58 Exp #=71202	MaxkeV=101 FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	7s 02s +157	n.Ang=38deg XEN=820902 1.024s/pixel ",Yaw=+415"
Event # 88/07/2 Optical GOES HXRBS UVSP	Event # = 9268 88/07/27,10:32 Optical GOES 10:28 HXRBS 10:28:57 UVSP 10:37	DOY=209 Peak 10:32 10:29:10	times 5	SMM Pointing: HaClass=SF Importance=C3 Peakc/s=439 Wavelength=2788A	S22E24 N29E81 Qual=01 Qual=01 Code=02	AR5092 Tot Cts=10090 Exp #=71203	Pitch=+280", Yaw Mac.=HSX MaxkeV=192 Rast=180"x1"	,Yaw=+479",Roll=-20de Carr.Lon.=306deg Flags=ND Step=0" Pitch=	,Roll=-20deg H Lon.=306deg H =ND Pitch=+160",	H.Ang=36deg H.Ang=79deg
Event # 88/07/2 GOES GOES FCS UVSP	t # = 21809 7/27,10:40 Start 10:38 10:37	D0Y=209 Peak 10:40	End times 10:42	CaPeak.c/s=24 Wavelength=2788A	Qual=00 Qual= 1	FePeak=10:41 Exp #=71203	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+160",	XEN=820903 1.024s/pixel ', Yaw=+408"

11:10	tance=C6	Cts=822 ak=11:24 #=71204 t # = 9270 Cts=725 AR5084 Cts=244 #=71205	Maxkev=71 FePeak.c/s=18 #Peaks=2 dt= 3.8 Rast=0"x0" Step=0" Cad=4.1 Rast=180"x1" Step=0" Pitch=+ Maxkev=71 Pitch=+284", Yaw=+469", Roll=-20deg Mac.=DKI Carr.Lon.=336deg Pitch=+302", Yaw=+429", Roll=-20deg Maxkev=98 Rast=10"x10" Step=0" Pitch=+ Rast=10"x10" Step=0" Pitch=+	8 008 1162 "	XEN=820904 4.096s/pixel ', Yaw=+404" H.Ang=35deg H.Ang=56deg H.Ang=56deg H.Ang=34deg
Wavelength=2788A Code=00 11:21:24 11:22:01 Peakc/s=69 Qual=01 DOY=209 SMM Pointing: S22E23 Peak End times HaClass=SF S21E50 12:15 12:30 Importance=C3 Qual=01 DOY=209 SMM Pointing: S22E20 Peak End times SMM Pointing: S22E20 DOY=209 SMM Pointing: S22E20 DOY=209 Importance=C2 Qual=01 Wavelength=1375A Code=00 DOY=209 Feakc/s=272 Qual=01 Wavelength=1375A Code=00 SMM Pointing: S22E19 Peak End times SMM Pointing: S22E19 Peak End times Importance=C2 Qual=01	length=2788A Code=00		MaxkeV=71  Pitch=+284", Yaw=+469", Rol  Max eV=71  Max eV=71  Max eV=71  Rast=180"x1" Step=0"  Pitch=+302", Yaw=+429", Rol  Max keV=98  Rast=10"x10" Step=0"	165.	H. Ang=56deg H. Ang=34deg H. Ang=60deg
DOY=209 SMM Pointing: S22E23 Peak End times HaClass=SF S21E50 12:15 12:30 Importance=C3 Qual=01 Tot Wavelength=2788A Code=00 Exp DOY=209 End times SMM Pointing: S22E20 Peak End times SMM Pointing: S22E20 DOY=209 Importance=C2 Qual=01 Tot Wavelength=1375A Code=00 Exp DOY=209 SMM Pointing: S22E19 Peak End times Mavelength=1375A Code=00 Exp DOY=209 SMM Pointing: S22E19 Peak End times Importance=C2 Qual=01	Ointing: \$22E23  Class=SF \$21E50  tance=C3 Qual=01 c/s=49 Qual=01  length=2788A Code=00  ointing: \$22E20  \$48E30  tance=C2 Qual=01 c/s=272 Qual=01  length=1375A Code=00	AR5084  Tot Cts=244  Exp #=71205  Tot Cts=10892  Exp #=71213	Pitch=+284", Yaw=+469", Rol Mac.=DKI Carr.Lon. MaxkeV=71 Rast=180"x1" Step=0" Pitch=+302", Yaw=+429", Rol Carr.Lon. MaxkeV=98 Rast=10"x10" Step=0"	165"	H.Ang=35deg H.Ang=56deg , Yaw=+397" H.Ang=34deg H.Ang=60deg
12:15 12:30 Importance=C3 Qual=01 Tot Peakc/s=49 Qual=01 Tot Wavelength=2788A Code=00 Exp Peak End times SMM Pointing: S22E20 Peak End times SMM Pointing: S22E20 O17:48:22 17:50:49 Peakc/s=272 Qual=01 Tot Wavelength=1375A Code=00 Exp Peak End times SMM Pointing: S22E19 Peak End times SMM Pointing: S22E19 Peak II9:13 III:09 SMM Pointing: S22E19 Peak End times SMM Pointing: S22E19	class=SF S21E50 tance=C3 Qual=01c/s=49 Qual=01 length=2788A Code=00 cointing: S22E20 S48E30 tance=C2 Qual=01 length=1375A Code=00 cointing: S22E19	AR5084  Tot Cts=244  Exp #=71205  Tot Cts=10892  Exp #=71213	Step= Yaw=+429" Carr.	+165"	H.Ang=56deg ,Yaw=+397" H.Ang=34deg H.Ang=60deg
2 12:07:45 12:08:27 Peakc/s=49 Qual=01 Tot Wavelength=2788A Code=00 Exp DOY=209 SMM Pointing: S22E20 Peak End times I7:51 18:09 Importance=C2 Qual=01 Tot Wavelength=1375A Code=00 Exp DOY=209 SMM Pointing: S22E19 Peak End times Importance=C2 Qual=01 I0:13 19:24 Importance=C2 Qual=01	length=2788A Code=00 length=2788A Code=00 length=1788A Code=00 sointing: \$22E20 \$48E30 tance=C2 Qual=01 c/s=272 Qual=01 length=1375A Code=00	Tot Cts=244 Exp #=71205 Tot Cts=10892 Exp #=71213	Step= Yaw=+429" Carr.	+165"	H.Ang=34deg
DOY=209  Peak End times SMM Pointing: S22E20 S48E30 17:51 18:09 Importance=C2 (ual=01 0 17:48:22 17:50:49 Peakc/s=272 (ual=01 Tot Wavelength=1375A Code=00 Exp DOY=209 SMM Pointing: S22E19 Peak 19:13 19:24 Importance=C2 (ual=01	ointing: \$22E20 \$48E30 c/s=272 Qual=01 length=1375A Code=00	Tot Cts=10892 Exp #=71213	2", Yaw=+429" Carr. 10" Step=	9	H.Ang=34deg
17:51 18:09 Importance=C2 Qual=01 17:51 18:09 Importance=C2 Qual=01 Tot Wavelength=1375A Code=00 Exp D0Y=209 SMM Pointing: S22E19 Peak III 13:13 19:24 Importance=C2 Qual=01	S48E30 tance=C2 Qual=01 c/s=272 Qual=01 length=1375A Code=00	Tot Cts=10892 Exp #=71213	.01	1007	H.Ang=60deg
17:45:50 17:48:22 17:50:49 Perkc/s=272 Qual=01 Tot Wavelength=1375A Code=00 Exp Wavelength=1375A Code=00 Exp = 9272	concrete 272 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tot Cts=10892 Exp #=71213	10"	11 + 40 + 40 = 100 T	
# = 9272 27,19:13 DOY=209 SMM Pointing: S22E19 Start Peak End times 19:09 19:13 19:24 Importance=C2 Qual=01				/07±=101/	, Yaw=+484"
19:09 19:13 19:24 Importance=C2 Qual=01			Pitch=+307", Yaw=+418", Roll=-20deg	1=-20deg	H.Ang=33deg
<pre>19:09:28 19:10:0b Peakc/s=85 Qual=01 Tot Wavelength=1375A Code=00 Exp</pre>	Importance=C2 Qual=01 Peakc/s=85 Qual=01 Wavelength=1375A Code=00	Tot Cts=546 Exp #=71218	MaxkeV=61 Rast=10"x10" Step=0"	Pitch=+300", Yaw=+475"	, Yaw=+475"
D0Y=209			Pitch=+311", Yaw=+406", Roll=-20deg		H.Ang=33deg
Importance=Cl Qual=01 O Peakc/s=99 Qual=01 Tot Wavelength=1375A Code=00 Exp	rtance=Cl Qual=Ol c/s=99 Qual=Ol length=1375A Code=OO	Tot Cts=676 Exp #=71229	MaxkeV=101 Rast=10"x10" Step=0"	Pitch=+349",Yaw=+431"	, Yaw=+431"
88/07/28	88/07/2	3 D0Y=210			
EVENT # = 94/5 88/07/68,00:13	••		Pitch=+321", Yaw=+383", Rol	, Roll=-20deg	H.Ang=32deg
HaClass=SF N26E69  Al HaClass=SF N28E87  On.01 On.13 On.22 Importance=C4 Onal=01	.Class=SF N26E69 .Class=SF N28E87	AR5092 AR5095	Mac.=EAO Carr.Lon.=310deg Carr.Lon.=292deg		H.Ang=69deg H.Ang=85deg
HXRBS 00:07:58 00:11:23 00:14:29 PeakC/S=114 Qual=01 Tot Cts=40 UVSP 00:13 Wavelength=1375A Code=02 Exp #=7124 Radio Frequency(MHz)/Flux(sfu): 245/50 410/100 606/190 8800/22 15400	(\$=114 Qual=01 	Tot Cts=4037 Exp #=71244 00/22 15400/27	MaxkeV=71 Rast=10"x10" Step=0"	Pitch=+364",Yaw=+413"	', Yaw=+413"

3. Laft. 04:39 04:40: 04:26 3. Lagart 3. Lagart 06:34: 06:34: 06:38: 10:28: 10:28: 10:28:	04:4 04:4 04:4 DOY= Peak	.10	73-33617	0	485092			=305dea	H.Ang=71deg
Event # = 927 88/07/28,06:4 0ptical 60ES 06:34: UVSP 06:59 10VSP 06:59 Event # = 927/ 88/07/28,10:2	04:41 004:41 Peak		. C. dSS=SF	N25E/2	100000	Mac.=EA0	Carr.Lon.=305deg		
Event # = 927 88/07/28,06:4 88/07/28,06:4 0ptical GOES 06:31 HXRBS 06:34: UVSP 06:59 Event # = 927 88/07/28,10:2	DOY=21 Peak	04:42:57	importance=tz Peakc/s=158 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=4376 Exp #=71253	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+213	Pitch=+213", Yaw=+279"
Optical GOES 06:31 HXRBS 06:34: UVSP 06:59 Event # = 927/ 88/07/28,10:2.	F D	1	SMM Pointing:	S22E13		Pitch=+339", Yaw	, Yaw=+336", Rol	, Roll=-20deg	H.Ang=30deg
Event # = 927/ 88/07/28,10:2.		ES ES	Class=SF	N25E71	AR5092	Mac.=EA0	Carr.Lon.=305deg	=305deg	H.Ang=70deg
Event # = 9278 88/07/28,10:27 Start	06:35:	46 06:37:02	Importance-CZ Peakc/s=65 Wavelength=2788A	Qual=01	Tot Cts=1241 Exp #=71256	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+221	Pitch=+221",Yaw=+260"
10.00	D0Y=210	!	SMM Pointing:	S22E11		Pitch=+349", Yav	, Yaw=+312", Rol	, Roll=-20deg	H.Ang=30deg
HXRBS 10:09: UVSP 10:07 Radio Freque	10:23 10:09: y(MHz)	10:45 10:09:49 1ux(sfu):	Importance=C3 Peakc/s=144 Wavelength=2788A 245/530 2695/100	Qual=01 Qual=01 Code=01	Tot Cts=882 Exp #=71260	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+230	Pitch=+230",Yaw=+236"
Event # = 9494 88/07/28,17:09	DOY=210	9 ii +	SMM Pointing:	\$22E07		Pitch=+372", Yaw	, Yaw=+253", Rol	, Roll=-20deg	H.Ang=28deg
GOES 17:06 HXRBS 17:07:59 UVSP 17:06 Radio Frequenc	7:09 17:09 17:08:1 y(MHz)/	8:29 fu):	Importance=C2 Peakc/s=47 Wavelength=1375A 410/50	Qual=01 Qual=01 Code=00	Tot Cts=163 Exp #=71269	MaxkeV=71 Rast=265"x265"	Flags=I Step=5"	Pitch=+379	Pitch=+379",Yaw=+266"
Event # = 949 88/07/28,17:23	1	1	SMM Pointing:	\$22E07		Pitch=+372", Yaw	, Yaw=+253", Rol	, Roll=-20deg	H.Ang=28deg
GOES 17:21 HXRBS 17:22:16 UVSP 17:10	17:23 6 17:22:21	17:23:13	Importance=C2 Peakc/s=68 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=684 Exp #=71270	MaxkeV=71 Rast=10"x10"	Flags=I Step=0"	Pitch=+316	pitch=+316",Yaw=+319"
Event # = 21810 88/07/28,20:13 Start GOES 20:06 BCS 20:14	0 DOY=210 Peak 20:13 20:15	End times 20:22 20:20	Importance=C2 CaPeak.c/s=32	Qual=01 Oual= 5	FePeak=20:15	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=821000
FCS UVSP 20:06			avelength=1375A	Code=00	Exp #=71282	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=3840s Pitch=+378"	3840s/pixel ", Yaw=+298"
Event # = 9496 88/07/28,22:27 Start	DOY=210	Fnd +impe	SMM Pointing:	N28E64		Pitch=-639", Yaw	, Yaw=+566", Rol	, Roll=-20deg	H.Ang=64deg
Optical 60FS 22:24		333	HaClass=SF Importance=Cl	N28E66	AR5095	Mac.=HSX	Carr.Lon.=301deg	=301deg	H.Ang=66deg
HXRBS 22:24:3 BCS 22:25 FCS	9 22:24:53 22:25	22:25:44 22:29	Peakc/s=258 CaPeak.c/s=28	Qual=01 Qual= 1	Tot Cts=2720 FePeak=22:25	MaxkeV=161 FePeak.c/s=11 Das+=0"<0"	Flags=I #Peaks=1 C+on=O"	dt= 7.7s X	XEN=821001
UVSP 22:24			Wavelength=1375A	Code=00	Exp #=71295	Rast=10"x10"		Pitch=-656	1.0245/PIACI ",Yaw=+558"

***************************************				06/10/08	DOV=211					
Event # = 218 88/07/29,02:3 Start GOES 02:20 BCS 02:30	1811 :32 D0Y=211 t Peak 0 02:32 0 02:32	L End times 02:48	Importance=C2 CaPeak.c/s=18	Qual=01 Qual= 5	FePe	FePeak.c/s=7 Rast=0"x0"		dt= 7.7s Cad=1.02s	XEN=821100 1.024s/pixel	1
UVSP 02:23 Radio Sweeps	3 S Type/Int	/Intensity:	Wavelength=2788A III/2	Code=00	Exp #=71307	Rast=180"x1"	Step=0"	Pitch=-751"	", Yaw=+482"	
Event # = 9513 88/07/29,07:50	513 :50 D0Y=211	l End +imos	SMM Pointing:	N28E59		Pitch=-621", Yaw	, Yaw=+536", Roll	, Roll=-20deg	H.Ang=60deg	1
Optical			HaClass=SF	\$20E05	AR5084	Mac.=DKI	Carr.Lon.=357deg	=357deg	H.Ang=26deg	
GUES U7:48 HXRBS 07:46: UVSP 08:03	46 07:47:	27 07:48:04	9 88A	Qual=01	Tot Cts=1420 Exp #=71314	MaxkeV=101 Rast=180"x1"	Flags=I Step=0"	Pitch=-485"	', Yaw=+463"	
Event # = 9515 88/07/29,08:03	515 :03 DOY=211	1	SMM Pointing:	N28E59		Pitch=-621", Yaw=+536", Roll=-20deg	/=+536", Rol	20deg	H.Ang=60deg	
1	צ פ	בוות רווונס	.Class=SF	N28E59	AR5092	Mac.=EHO	Carr.Lon.=303deg	-303deg	H.Ang=60deg	
40ES 07:59 HXRBS 08:00: BCS 08:00	0:47 08:01:2 0:47 08:01:2 0 08:02	08:2/ 24 08:03:54 08:08	<pre>Importance=c3 Peakc/s=207 CaPeak.c/s=97</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=3670 FePeak=08:02	MaxkeV=101 FePeak.c/s=25	Flags=I #Peaks=1	dt= 3.8s	XEN=821101	
08:0	7 - 7 - 7		Wavelength=2788A Code=02	Code=02 Ssociated	Exp #=71314 Event # = 9514 Tot Cts=344			Pitch=-485",	1, Yaw=+463"	
בייוס כפאעם	6	200.00	10-E/2	למקה - סד	2		7 25 -			
Event # = 9 88/07/29,10 Star	DOY=21 Peak		SMM Pointing:	N28E57		Pitch=-615", Yaw=+524"	/=+524",Rol	, Roll=-20deg	H.Ang=59deg	
GOES 10:48 HXRBS 10:52:19 UVSP 11:11	10:53	11:06 31 10:52:43	Importance=Cl Peakc/s=63 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=207 Exp #=71318	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-479"	', Yaw=+706"	
Event # = 9280 88/07/29,13:52	D0Y=21	+	SMM Pointing:	N28E56		Pitch=-608", Yaw=+513"	/=+513", Rol	, Roll=-20deg	H.Ang=57deg	
Optical		14.02	Class=SN	N28E57	AR5092	Mac.=EHO	Carr.Lon.=301deg	=301deg	H.Ang=58deg	
HXRBS* 13:48 HXRBS* 13:48 BCS 13:50	:33 13:51: 13:52	14 13:55:17 14:08		Qual=01 Qual= 1	Tot Cts=19986 FePeak=13:51	MaxkeV=133 FePeak.c/s=39	#Peaks=1	dt= 3.8s	XEN=821102	
FCS UVSP 14:18	<sub>∞</sub>		Wavelength=2788A		Exp #=71322	Kast=23 X23 Rast=180"x1"		cad=co.us I Pitch=-472",	1.0245/pixel ", Yaw=+694"	
Event # = 928 88/07/29,15:1	31 13 DOY=21	1	SMM Pointing:	N28E56		Pitch=-608", Yaw=+513"	/=+513", Rol	, Roll=-20deg	H.Ang=57deg	
Optical	בי ב	د الله	HaClass=SF	N27E52	AR5092	Mac.=EHO	Carr.Lon.=306deg	=306deg	H.Ang=54deg	
HXRBS* 15:08 HXRBS* 15:08 BCS 15:11	:16 15:08: 15:12	44 15:09:01 15:14	Peakc/s=103 CaPeak.c/s=21	Qual=01 Qual= 4	Tot Cts=730 FePeak=15:11	MaxkeV=43 FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=821103	
UVSP 14:5	S.		Wavelength=2788A	Code=01	Exp #=71323	Rast=180"x1"		Pitch=-471	", Yaw=+692"	

The otherwise of the meaning of the control of the

Event # = 9282 88/07/29,17:08	į	End times	SMM Pointing:	N28E54		Pitch=+672", Yaw=+394", Roll=90deg	w=+394", Rol	1=90deg	H.Ang=55deg
GOES 17:07 HXRBS* 17:07:19 UVSP 16:40	17:08 9 17:07:48	17:08:27	Importance=Cl Peakc/s=144 ( Wavelength=1375A (	Qual=01 Qual=01 Code=00	Tot Cts=2016 Exp #=71327	MaxkeV=80 Rast=21"x21"	Step=1"	Pitch=+680'	Pitch=+680",Ya₩=+334"
Event # = 9283 88/07/29,21:32	DOY=211	100	SMM Pointing:	N28E52		Pitch=-594", Yaw	, Yaw=+486", Roll=-20deg	]=-20deg	H.Ang=54deg
Optical		20.17	HaClass=1F	N32E61	AR5092	Mac.=EHO	Carr.Lon.=293deg	=293deg	H.Ang=63deg
HXRBS 21:19:12 HXRBS 21:19:12 BCS 21:17	2 21:22:26 21:31	6 21:38:17 22:00	Importance=nz Peakc/s=93 CaPeak.c/s=724	Qual=03 Qual=01 Qual= 1	Tot Cts=18116 FePeak=21:25	MaxkeV=101 FePeak.c/s=142		dt= 3.85	XEN=821104
UVSP 21:24			Wavelength=1375A	Code=00	Exp #=71338	Rast=10"x10"	Step=0" Step=0"		1.0245/p1xe1 ",Yaw=+483"
				88/01/30	0 D0Y=212				
Event # = 9284 88/07/30,02:38 Start	DOY=212	Fnd +imps	SMM Pointing:	N28E49	•	Pitch=-583", Yaw	, Yaw=+463", Rol	, Roll=-20deg	H.Ang=52deg
Optical	00.00	_		\$21W10	AR5084	Mac.=EKI	Carr.Lon.=1deg	=1deg	H.Ang=28deg
HXRBS 02:34 HXRBS 02:33:5 UVSP 02:50 Radio Freque	1 02:35:0. ncy(MHz)/i	02:34 02:35 02:40 02:33:51 02:35:03 02:36:19 02:50 Frequency(MHz)/Flux(sfu):	Importance=L2 Peakc/s=87 Wavelength=2788A 8800/26	Ųua¦=∪ı Qual=01	Tot Cts=1663 Exp #=71347	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=-445	Pitch=-445",Yaw=+386"
t # = 2181 7/30,05:47 Start	2 D0Y=212 Peak	End times							
Optical GOES 05:41	05:47	05:58	HaClass=SF Importance=Cl	N33E53 Qual=01	AR5095	•	e G	=297deg	
FCS 05:46 UVSP 05:58	5:4 4:0	Ω	88A	Qual= 4	FePeak=05:46 Exp #=71351	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-437"	XEN=821200 1.024s/pixel ",Yaw=+371"
Event # = 9285 88/07/30,06:59	DOY=212	8	SMM Pointing:	N28E47		Pitch=-573", Yaw=+442", Roll=-20deg	v=+442", Rol	=-20deg	H.Ang=50deg
GOES 06:51 0 HXRBS 06:54:06 0 UVSP 06:35	06:59 06:59 6 06:55:09	07:19 06:57	Importance=C3 Peakc/s=134 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=4323 Exp #=71352	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-436'	Pitch=-436", Yaw=+368"
Event # = 9287 88/07/30,08:26	D0Y=212		SMM Pointing:	N28E46		Pitch=-566", Yaw=+430", Roll=-20deg	v=+430", Roll	]=-20deg	H. Ang=49deg
GOES 08:21 HXRBS 08:24:56 UVSP 08:09	08:25 6 08:25:09	08:31 9 08:25:21	Importance=Cl Peakc/s=52 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=213 Exp #=71354	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-432'	Pitch=-432",Yaw≡+360"

Event # 88/07/3	Event # = 9286 88/07/30,08:51	D0Y=212		SMM Pointing:	N28E46		Pitch=-566", Yaw	, Yaw=+430", Roll	, Roll=-20deg	H.Ang=49deg
Optical		Peak	End times		N28E41	AR5092	Mac.=FKO	Carr.Lon.=307deg	=307deg	H.Ang=45deg
HXRBS BCS FCS	J8:4/ J8:45:59 J8:47	08:51 08:48:19 08:50	09:41 08:55:24 09:10	Importance=MZ Peakc/s=4426 CaPeak.c/s=1379	Qual=01 Qual=01 Qual= 1	Tot Cts=1.50E+5 FePeak=08:49	MaxkeV=224 FePeak.c/s=512 Rast=0"x0"	#Peaks=1 Sten=0"	dt= 3.8s Cad= 688s	XEN=821201 687.95/nixel
UVSP	70:60			velength=278	***************************************	Exp #=71355	Rast=180"x1"	Step=0"	_	Yaw=+356"
- SSS -	09:10		09:12	CaPeak.c/s=56	Associated Qual= 5	Event # = 2101 FePeak=09:10	FePeak.c/s=12 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=3840s	XEN=821202 3840s/pixel
Event # 88/07/3	t # = 9288 7/30,09:54	DOY=212		SMM Pointing:	N28E46		Pitch=-566", Yaw	, Yaw=+430", Rol	, Roll=-20deg	H.Ang=49deg
Optica	שנמו נ	יבמא	בוות רווובי	HaClass=SF	N13W09	AR5090	Mac.=DRI	Carr.Lon.=356deg	=356deg	H.Ang=11deg
HXRBS UVSP	09:52:25 09:42	09:52:37 09:52:37	09:52:47	importance=ti Peakc/s=127 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=566 Exp #=71356	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-429"	',Yaw=+353"
Event # 88/07/3	# = 21814 30, 12:15	D0Y=212	-							
GOES BCS	Start 12:05 12:09	Peak 12:15 12:15	End times 13:01 12:20	Importance=C3 CaPeak.c/s=53	Qual=03 Qual= 3	FePeak=12:19	FePeak.c/s=15	#Peaks=1		XEN=821203
UVSP	12:15			Wavelength=2788A	Code=02	Exp #=71359	Rast=U XU Rast=180"X1"	Step=0"	Cau=4.105 4	4.0905/pixel ",Yaw≖+340"
Event # 88/07/	t # = 9289 7/30,13:39 Start	D0Y=212	Fnd times	SMM Pointing:	N28E44		Pitch=-557", Yaw=+410", Roll=-20deg	=+410", Rol	1=-20deg	H.Ang=47deg
GOES HXRBS UVSP	13:39:19 13:48		13:3	Peakc/s=48 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=165 Exp #=71361	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-419"	", Yaw=+332"
Event 88/07/	t # = 9290 7/30,14:43 Start	D0Y=212	Fnd + impe	SMM Pointing:	N28E42		Pitch=-550", Yaw=+399", Roll=-20deg	=+399", Rol	1=-20deg	H.Ang=46deg
GOES HXRBS UVSP	14:42:12 14:24		14:4	Peakc/s=75 Wavelength=2788A	Qual=00 Qual≖01	Tot Cts=2278 Exp #=71362	MaxkeV=131 Rast=180"x1"	Step=0"	Pitch=-416"	", Yaw=+329"
Event 88/07/	t # = 21815 7/30,16:15 Start cal	1		HaClass=SF	N28E42	AR5092	Mac.=FKO	Carr.Lon.=302deg	=302deg	H.Ang=46deg
808 808 808 808	16:08 16:10	16:15 16:12	16:30 16:17	Importance=UZ CaPeak.c/s=37	Qual=Ul Qual= l	FePeak=16:11	FePeak.c/s=10 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=821204 1.024s/pixel
UVSP	16:09			Wavelength=1375A Code=00	Code=00	Exp #=71365	Rast=10"x10"	Step=0"	Pitch=-657	", Yaw=+286"

* m =	= 21816 ,17:39 tart	D0Y=212 Peak 17:39	d times	HaClass=SF Importance=C3	N28E42 Qua]=05	AR5092	Mac.=FKO	Carr.Lon.=301deg	=301deg	H.Ang=46deg
BCS 17 FCS UVSP 17	7:39	17:40	17:45	Cabeak.c/s=51 Qual= 4 Wavelength=1375A Code=02	Qual= 4 Code=02	FePeak=17:40 Exp #=71366	FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 3.8s ) Cad=4.10s <sup>2</sup> Pitch=-535",	XEN=821205 4.096s/pixel ',Yaw=+395"
Event # = 88/07/30		DOY=212	+ + + + + + + + + + + + + + + + + + + +	SMM Pointing:	N28E38		Pitch=-531", Yaw=+356", Roll=-20deg	/=+356", Rol	1=-20deg	H.Ang=42deg
GOES 22 HXRBS 22 UVSP 22	22:32 22:35:44 22:25	22:37 22:36:05	22:46 22:37:28	Importance=Cl Peakc/s=66 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=577 Exp #=71385	MaxkeV=71 Rast=243"x243"	Step=3"	Pitch=-523'	Pitch=-523",Yaw≖+369"
Event # = 88/07/30		DOY=212	End +imac	SMM Pointing:	N28E38		Pitch=-531", Yaw=+356"	/=+356", Rol	, Roll=-20deg	H.Ang=42deg
GOES 22 HXRBS 22 UVSP 22	23:53 23:54:36 23:49	23:58 23:55:07	23:56:02	Importance=C2 Peakc/s=148 Wavelength=2788A	Qual=04 Qual=02 Code=00	Tot Cts=2817 Exp #=71386	MaxkeV=101 Rast=180"x1"	Flags=SN Step=0"	Pitch=-393'	Pitch=-393",Yaw=+278"
					88/07/31	1 D0Y=213				
Event # = 88/07/31,	t # = 9531 7/31,03:50	DOY=213	• • • • • • • • • • • • • • • • • • •	SMM Pointing:	N28E35		Pitch=-518", Yaw	,Yaw=+326",Roll	, Roll=-20deg	H.Ang=40deg
Optical		reak	S	HaClass=SF	N13W17	AR5090	Mac.=DAI	Carr. Lon. =354deg	=354deg	H.Ang=18deg
HXRBS 03	03:24 03:43:31 03:41	03:43:57 03:43	03:44:31 03:52	importance=uz Peakc/s=64 CaPeak.c/s=24	Qual=03 Qual=01 Qual= 7	Tot Cts=298 FePeak=03:42	MaxkeV=71 FePeak.c/s=6	Flags=I #Peaks=1	dt= 7.7s	XEN=821300
UVSP 03	3:54			Wavelength=2788A	Code=02	Exp #=71391	Kast=0"x0" Rast=180"x1"	Step=0"		1.024s/plxel ",Yaw=+255"
Event # = 88/07/31,	= 9532 1,06:26 Start	DOY=213	Fnd times	SMM Pointing:	N28E34		Pitch=-511", Yaw=+310", Roll=-20deg	/=+310", Rol	1=-20deg	H.Ang=39deg
GOES HXRBS OF UVSP OF	06:26:25 06:04		06:2	Peakc/s=71 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=103 Exp #=71394	MaxkeV=71 Rast=180"x1"	Flags=I Step=0"	Pitch=-377",Yaw=+242"	', Yaw=+242"
	:# = 21817 7/31,06:39 Start	D0Y=213 Peak	End times		00-1-00					
BCS 06 FCS 06 UVSP 07	5:27 7:02	06:39	07:01	CaPeak.c/s=38 Wavelength=2788A	Qual= 1	FePeak=06:31 Exp #=71395	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-374"	XEN=821301 1.024s/pixel ',Yaw=+236"
				>		-				

Event # = 21818 88/07/31,07:32 Start	1818 :32 DOY=213 t Peak	End times	1		0000	Q.L.		277700	1 A 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2
Optical GOES 07:18 BCS 07:45	3 07:32 5 07:46	08:24 08:20	HaClass=1B Importance=M4 CaPeak.c/s=679	N34E41 Qua}=05 Qua}= 5	AR5092 FePeak=07:46	Mac.=FKU FePeak.c/s=50	#Peaks=1 dt= 3.	8s,	H.Ang=4/deg XEN=821302
FCS UVSP 07:39 Radio Freq	07:39 Frequency(MHz)/Flux(sfu)		length=2786 85 606/240	Code=02 595/96 499	Exp #=71396 15/130 8800/120 1	Rast=25"x25" Rast=180"x1" 15400/62		Cad=25.6s 1. Pitch=-373",	1.024s/pixel ",Yaw=+233"
	08:20		As CaPeak.c/s=32	Associated   Qual= 5	Event # = 21819 FePeak=08:22	FePeak.c/s=5	#Peaks=1	dt= 7.7s X	XEN=821303
UVSP 08:37	4		Wavelength=2788A		Exp #=71397	Rast=180"x1"		Pitch=-370'	", Yaw=+227"
Event # = 9293 88/07/31,08:34 Start	293 :34 D0Y=213 t Peak	End times	SMM Pointing:	N28E33		Pitch=-506", Yaw	, Yaw=+300", Roll	, Roll=-20deg	H.Ang=38deg
GOES HXRBS 08:34: UVSP 08:37	4:45 08:34:50 7	0 08:34:57	Peakc/s=166 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=470 Exp #=71397	MaxkeV=131 Rast=180"x1"	Step=0"	Pitch=-370'	Pitch=-370",Yaw=+227"
nt # = 9. 07/31,13		i	SMM Pointing:	N28E30		Pitch=-493", Yaw	, Yaw=+270", Roll	, Roll=-20deg	H. Ang=36deg
GOES 13:12 HXRBS* 13:12:47 UVSP 13:19	2:47 13:13:02 9	13:27 13:14:05	Importance=Cl Peakc/s=81 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=261 Exp #=71403	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=-358'	Pitch=-358",Yaw=+198"
Event # = 9294 88/07/31,14:29	294 :29 D0Y=213	emit + ban	SMM Pointing:	N28E30		Pitch=-489", Yaw	, Yaw=+262", Roll	, Roll=-20deg	H.Ang=36deg
GOES 14:21 HXRBS* 14:27: UVSP 14:52	14:29 14:27:3	14:28:20	Importance=Cl Peakc/s=99 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=896 Exp #=71405	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=-353'	Pitch=-353",Yaw=+190"
Event # = 9296 88/07/31,15:05	296 :05 DOY=213	+	SMM Pointing:	N28E29		Pitch=-487", Yaw	, Yaw=+260", Rol	,Roll=-20deg	H.Ang=36deg
ical	י רימא	בוות רווונג	HaClass=SN	N34E38	AR5092	Mac.=FKO	Carr.Lon.=293deg	=293deg	H.Ang=45deg
GUES 14:33 HXRBS* 14:56 BCS 14:44	14:56:18 14:56:30 14:44 14:57	15:05 14:56:36 14:56:54 14:57 14:58	Importance=cs Peakc/s=118 CaPeak.c/s=52	Qual=01 Qual=01 Qual= 2	Tot Cts=614 FePeak=14:57	MaxkeV=43 FePeak.c/s=17	#Peaks=1	dt= 3.8s X	XEN=821304
	4:52 Type/Intensity	Intensity:	Wavelength=2788A III/3 V/3	Code=01	Exp #=71405	Rast=180"x1"	Step=0"	cau- 1313 Pitch=-353	0.3123/p1.xe1 ",Yaw=+190"
	quency(MHz)/ 	Flux(stu): 	 eak.c/s=19	Associated Qual= 1	Event # = 21820 FePeak=15:49	FePeak.c/s=11		dt= 7.7s X	XEN=821305
FCS UVSP 15:40	0		Wavelength=1375A		Exp #=71407	Rast=U"xU" Rast=10"x10"	Step=0"	cad=1.02s Pitch=-556	1.0245/pixel ", Yaw=+286"
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H.Ang=35deg	H.Ang=40deg	XEN=821306	1.024s/pixel ",Yaw=+264"		H.Ang=33deg	H.Ang=33deg	", Yaw=+92"	H.Ang=32deg	H.Ang=40deg	XEN=821401	1.024s/pixel ",Yaw=+76"			XEN=821400	1.024s/pixel ',Yaw=+72"	H.Ang=30deg	, Yaw=+41"		H.Ang=25deg	, Yaw=-116"
, Roll=-20deg	-=298deg	dt= 3.8s	Cad=25.6s 1 Pitch=-476",		, Roll=-20deg	.=357deg	Pitch=-345"	, Roll=-20deg	.=293deg	dt= 7.7s	Cad=25.6s Pitch=-338	 Pitch=-340"			Cad=1.02s Pitch=-336"	, Roll=-20deg	Pitch=-324"		, Roll=-20deg	Pitch=-262", Yaw=-116"
, Yaw=+252", Ro	Carr.Lon.=298deg		Step=5" Step=5"		, Yaw=+167", Ro	Carr.Lon.=357deg	Step=0"	, Yaw=+147", Ro	Carr. Lon. =293deg		Step=5" Step=0"	Flags=SN Step=0"		#Peaks=1	Step=0" Step=0"	, Yaw=+116", Rol	Step=0"		, Yaw=-40", Roll	Step=0"
Pitch=-484", Ya	Mac.=DAI	MaxkeV=80 FePeak.c/s=26	Rast=25"x25" Rast=265"x265"		Pitch=-481", Ya	Mac.=DAI	MaxkeV=101 Rast=180"x1"	Pitch=-473", Ya	Mac.=FKO	MaxkeV=71 FePeak.c/s=193	Rast=25"x25" Rast=180"x1"	MaxkeV=71 Rast=180"x1"		FePeak.c/s=7	Rast=0"x0" Rast=180"x1"	Pitch=-461", Yav	MaxkeV=101 Rast=180"x1"		Pitch=-398",Yaw	MaxkeV=61 Rast=180"x1"
	AR5092	Tot Cts=12113 FePeak=16:03	Exp #=71410	1 D0Y=214		AR5090	Tot Cts=472 Exp #=71442		AR5092	Tot Cts=22323 FePeak=06:26	Exp #=71445	Event # = 9299 Tot Cts=5366 Exp #=71444		FePeak=07:16	Exp #=71446		Tot Cts=4053 Exp #=71452	D0Y=215		Tot Cts=1834 Exp #=71493
N28E29	N32E33	Qual=01 Qual=1 Qual= 1	Code=01	88/08/01	N30E23	N14W33	Qual=03 Qual=01 Code=00	N30E21	N35E30	Qual=03 Qual=01 Qual= 3	Code=02	Associated Qual=02 3A		Qual=00 Qual= 5		N30E19	Qual=01 Qual=01 Code=01	88/08/02	N30E07	Qual=01 Qual=01
SMM Pointing:	HaClass=SF	Peakc/s=301 CaPeak.c/s=129	Wavelength=1375A V/2		SMM Pointing:	HaClass≖SF	Peakc/s=61 Wavelength=2788A	SMM Pointing:	HaClass=1B	Importance=M2 Peakc/s=94 CaPeak.c/s=1023	Wavelength=2788A (	Peakc/s=74 Wavelength=2788A		CaPeak.c/s=38	Wavelength=2788A	SMM Pointing:	Importance=C2 Peakc/s=157 Wavelength=2788A		SMM Pointing:	Importance=C2 Peakc/s=100 Wavelength=2788A
Fnd times	2	16:03:26 16:08	Type/Intensity:		Fnd times	.30	04:15:16		Ella cilles	07:10 06:37:53 06:38	Tvne/Intensitv:	9	End times			End +imac			Fnd times	10:27 10:17:45
DOY=213	16.13	16:02:01 16:04	Type/I		DOY=214 Peak		04:14:34	D0Y=214	ר מא מריים	06:24:22 06:27		. 05	D0Y=214 Peak	07:16		10Y=214	2:05:46 2:05:46		10	10:18 10:16:46
Event # = 9297 88/07/31,16:13 Start	a] 16:00	* 16:00:46 16:02	16:09 Sweeps	9000	Event # = 9298 88/08/01,04:08 Start	104.02	04:14:08 04:01	Event # = 9300 88/08/01,06:32		5: 32 06:11:22 05:41	06:33 Sweeps	05:40:09 05:35	Event # = 21821 88/08/01,07:16 Start	07:15	90:20	# = 9305 01,12:09 Start	12:04 12:05:00 11:50	# - 0300	7 - 3308 02,10:18 Start	10:09 10:16:06 10:45
Event 88/07,	Optic. GOFS	HXRBS* BCS FCS	UVSP Radio		Event 88/08/	Optica GOFS	HXRBS (UVSP (	Event 88/08/	Optica	HXRBS C	UVSP Radio	HXRBS UVSP	Event 88/08/	60ES BCS 700	UVSP	Event 88/08/	GOES HXRBS UVSP	-400+	88/08/	GOES HXRBS* UVSP

				88/08/03	D0Y=216				
Event # = 9309 88/08/03,02:24	D0Y=216		SMM Pointing:	N32W01		Pitch=-387", Yaw=-154", Roll=-20deg	154", Roli	1=-20deg	H.Ang=26deg
Start GOES HXRBS 02:23:56 UVSP 02:24		End times 02:24:20	Peakc/s=111 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=733 Exp #=71547	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=-377",Yaw=-112"	',Yaw=-112"
Event # = 21822 88/08/03,03:08 Start Optical	2 D0Y=216 Peak	End times	HaClass=SF	N27w06			Carr.Lon.=304deg	=304deg	H.Ang≕22deg
GOES BCS 03:07 FCS 03:10 UVSP 03:10	03:08	03:14	CaPeak.c/s=31 Wavelength≖2788A	Qual=00 Qual= 4	FePeak=03:08 Exp #=71548	FePeak.c/s=8 Rast=240"x240" Rast=15"x15"	#Peaks=1 Step=10" Step=3"	dt= 7.7s X Cad= 590s 1 Pitch=-375",	XEN=821600 1.024s/pixel ',Yaw=-153"
Event # = 21823 88/08/03,03:29 80ES ECS FCS UVSP 03:10	3 DOY=216 Peak 03:29	End times 03:31	CaPeak.c/s=30 Wavelength=2788A	Qual= 1	FePeak=03:29 Exp #=71549	FePeak.c/s=7 Rast=115"x115" Rast=243"x243"	#Peaks=1 Step=5" Step=3"	dt= 7.7s X Cad=1083s 2 Pitch=-375",	XEN=821601 2.048s/pixe1 ", Yaw=-153"
Event # = 9310 88/08/03,05:27	DOY=216	Fod + impo	SMM Pointing:	N32W03		Pitch=-379", Yaw=-176", Roll=-20deg	=-176", Rol	1=-20deg	H.Ang=26deg
GOES HXRBS 05:27:01 UVSP 05:32		05:27:10 05:27:17	Peakc/s=74 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=171 Exp #=71551	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-243",Yaw=+3"	", Yaw=+3"
Event # = 21824 88/08/03,06:31 60ES ECS 06:31 FCS 06:09	.4 D0Y=216 Peak 06:31	End times 06:33	CaPeak.c/s=19 Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=06:31 Exp #=71552	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-241	XEN=821602 1.024s/pixel ", Yaw=-1
Event # = 9311 88/08/03,06:54 I Start Optical GOES 06:34 UVSP 07:07 	DOY=216 Peak 06:54 11 06:34:17	End times 07:10 06:36:14	SMM Pointing: HaClass=SN Importance=C3 Peakc/s=63 Wavelength=2784	N32W03 N14W61 Qual=01 Qual=01 sociated Qual=01	AR5090 Tot Cts=865 Exp #=71553 Event # = 9312 Tot Cts=218	Pitch=-375" Mac.=DAI MaxkeV=71 Rast=180"x1 MaxkeV=71	,Yaw=-187",Roll=-20de Carr.Lon.=357deg " Step=0" Pitch= 	,Roll=-20deg Lon.=357deg 0" Pitch=-239"	H.Ang=26deg H.Ang=60deg ", Yaw=-8"

AR5085 Mac.=HSX Carr.Lon.=5deg  Tot Cts=6428	DOY=216 Peak End time	S	SMM Pointing:	N32W04		Pitch=-371",Yaw	, Yaw=-198", Roll=-20deg		H.Ang=26deg
Tot Cts=7272	09:04 Impo 08:31:34 Peak	HaClas Importand Peakc/	.Class=2N ortance=C8 cc/s=278	N15W70 Qual=03 Qual=11 Code=02	AR5085 Tot Cts=6428 Exn #=71555	_	Ħ	h=_235"	H.Ang=69deg Yaw≡_19"
Tot Cts=52272	:30 08:28:15 Peakc/s=61	Peak	- As	ssociated Qual=01	Eve Tot		1		1
Tot Cts=52272	6 SMM Pointing		. Bt	N32W05		Pitch=-367", Yaw	=-209", Roll=-20		H.Ang=26deg
Tot Cts=128	11:08 Importance=M2 :02 10:15:40 Peakc/s=799 Wavelength=2788A	C	₩	Qual=02 Qual=01	Tot Cts=52272 Exp #=71558		ю	h=-230", Y	, Yaw=-34"
Tot Cts=128	6 SMM Pointing:	_	: B	N32W07		Pitch=-359", Yaw	=-230", Roll=-200		H.Ang=27deg
Tot Cts=7487	:30 13:12:42 Peakc/s=55 Wavelength=2788A	Peakc/s={ Wavelength=2	55 2788A	Qual=00 Qual=01	Tot Cts=128 Exp #=71561	MaxkeV=71 Rast=180"x1"		h=-223", Y.	, Yaw=-51"
Tot Cts=7487	SMM Pointing	1		N32W08		Pitch=-354", Yaw	=-245", Roll=-200		H.Ang=27deg
Tot Cts=1728	16:14   Importance=C6 	Importance=C6 Peakc/s=96 Wavelength=13	5A	Qual=05 Qual=01 Code=00	Tot Cts=7487 Exp #=71565	MaxkeV=71 Rast=10"x10"		h=-462", Y.	, Үаw=-355"
Tot Cts=1728	SMM Pointing:	1 -		N32W07		Pitch=-357", Yaw	=-233", Roll=-20c		H.Ang=27deg
Pitch=-350", Yaw=-256", Roll=-20deg  AR5090 Mac.=DAI Carr.Lon.=353deg  Tot Cts=27336 MaxkeV=101 Exp #=71579 Rast=10"x10" Step=0" Pitch=-337"  Pitch=-328", Yaw=-320", Roll=-20deg  Tot Cts=1032 MaxkeV=131 Exp #=71600 Rast=180"x1" Step=0" Pitch=-194"	17:49 Importance=C4 :23 17:41:08 Peakc/s=65 Wavelength=1375A	Importance=C4 Peakc/s=65 Wavelength=137	ξ¥	Qual=05 Qual=01 Code=00	Tot Cts=1728 Exp #=71569	MaxkeV=71 Rast=10"x10"		h≖-327", Y≀	, Yaw=-240"
AR5090 Mac.=DAI Carr.Lon.=353deg  Tot Cts=27336 MaxkeV=101 Exp #=71579 Rast=10"x10" Step=0" Pitch=-337"  M D0V=217 Pitch=-328", Yaw=-320", Roll=-20deg  Tot Cts=1032 MaxkeV=131 Exp #=71600 Rast=180"x1" Step=0" Pitch=-194"	SMM Pointing:	Pointing		N32W09		Pitch=-350", Yaw	=-256", Roll=-20c		H.Ang=27deg
Tot Cts=27336 MaxkeV=101 Exp #=71579 Rast=10"x10" Step=0" Pitch=-337" MaxkeV=131 Pitch=-328", Yaw=-320", Roll=-20deg Tot Cts=1032 MaxkeV=131 Exp #=71600 Rast=180"x1" Step=0" Pitch=-194"	HaClass=SN	: 2		N14W64	AR5090	Mac.=DAI	Carr.Lon.=353d		H.Ang=63deg
74 D0Y=217 Pitch=-328", Yaw=-320", Roll=-20deg Carr.Lon.=297deg Tot Cts=1032 MaxkeV=131 Exp #=71600 Rast=180"x1" Step=0" Pitch=-194"	:55 20:38:00 Peakc/s=269 Wavelength=13/5A	Peakc/s=269 Wavelength=137	5A	Qual=01 Code=00	Tot Cts=27336 Exp #=71579	MaxkeV=101 Rast=10"x10"		h=-337", Ya	ам=-233"
Pitch=-328", Yaw=-320", Roll=-20deg  Carr.Lon.=297deg  Tot Cts=1032 MaxkeV=131  Exp #=71600 Rast=180"x1" Step=0" Pitch=-194"			1	88/08/04					
Carr.Lon.=297deg Tot Cts=1032 MaxkeV=131 Exp #=71600 Rast=180"x1" Step=0" Pitch=-194"	SMM Pointing:	۵		N32W14		Pitch=-328", Yaw	=-320", Roll=-20c		H.Ang=29deg
Tot Cts=1032 MaxkeV=131 Exp #=71600 Rast=180"x1" Step=0"		:		N31W14			Carr.Lon.=297de		H.Ang≈28deg
	:55 05:52:11 Peakc/s=184 Wavelength=2788A	Peakc/s=18 Wavelength=27	4 88A	Qual=01	Tot Cts=1032 Exp #=71600	MaxkeV=131 Rast=180"x1"		հ=-194", Υ≀	aw=-134"

ent #	Event # = 9321 88/08/04,09:48	D0Y=217	, , , , , , , , , , , , , , , , , , ,	SMM Pointing:	N32W15		Pitch=-320", Yaw=-342"	=-342", Rol	, Roll=-20deg	H.Ang=30deg	1
GOES HXRBS* UVSP	Start 09:47:50 09:43		09:48:15	Peakc/s=118 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=410 Exp #=71605	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=-184",Yaw=-162"	, Yaw=-162"	
nt # 08/0 S	Event # = 9322 88/08/04,16:47 Start GOES 16:43	DOY=217 Peak 16:47	End times 16:53	SMM Pointing: Importance=C2	N32W19 Qual=01		Pitch=-303", Yaw=-393", Roll=-20deg	=-393", Rol		H.Ang=32deg	1
P &	16:44:11 16:46	16:44:27		Peakc/s=91 Wavelength=1375A	Qual=01 Code=00	Tot Cts=929 Exp #=71616	MaxkeV=101 Rast=265"x265"	Step=5"	Pitch=-296",Yaw=-380"	, Yaw=-380"	
08/0	Event # = 21825 88/08/04,18:31 Start	DOY=217 Peak	End times		00000			-			l
Optical GOES BCS	18:25 18:27	18:31 18:30	18:35 18:36	HaClass=SF Importance=C2 CaPeak.c/s=56	N29W20 Qual=01 Qual= 1	AR5092 FePeak=18:29	Mac.=FKI FePeak.c/s=14	<u>.</u>	S S	H.Ang=30deg XEN=821700	
UVSP UVSP	18:24			Wavelength=1375A	Code=00	Exp #=71621	Rast=10"x10"	Step=0"	Pitch=-270",	7.2005/pixel	
nt #	Event # = 9323 88/08/04,21:41	D0Y=217	00 E.i.+	SMM Pointing:	N32W22		Pitch=-293", Yaw=-424", Roll=-20deg	=-424", Rol	1=-20deg	H.Ang=33deg	1
GOES HXRBS* UVSP	21:41:01 21:33		21:4	Peakc/s=88 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=687 Exp #=71634	MaxkeV=161 Rast=10"x10"	Step=0"	Pitch=-195"	, Yaw=-461"	
nt #	Event # = 9324 88/08/04,21:44	DOY=217	Fnd +imes	SMM Pointing:	N32W22		Pitch=-293", Yaw=-424", Roll=-20deg	=-424", Rol	1=-20deg	H.Ang=33deg	
GOES HXRBS* UVSP	21:44:07 21:33		21:4	Peakc/s=70 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=262 Exp #=71634	MaxkeV=101 Rast=10"x10"	Step=0"	Pitch=-195"	, Yaw=-461"	
nt 08/0	Event # = 9325 88/08/04,21:45	DOY=217	1 + 1 mag	SMM Pointing:	N32W22		Pitch=-293", Yaw	, Yaw=-424", Roll=-20deg	1=-20deg	H.Ang=33deg	1
GOES HXRBS* UVSP	21:45:22 21:45		21:45:51	Peakc/s=62 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=152 Exp #=71635	MaxkeV=71 Rast=200"x200"	Step=5"	Pitch=-285",Yaw=-413	, Yaw=-413"	
	20010				88/08/05	5 D0Y=218					
ent # 108/05 Sical	Event # = 21825 88/08/05,06:05 Start Optical	D0Y=218 Peak	End times	HaClass=SF	N28W25			Carr.Lon.=295deg	=295deg	H.Ang=32deg	
GOES BCS FCS UVSP	06:03	90:90	06:11	CaPeak.c/s=29 Wavelength=2788A	Qual= 1	FePeak=06:03 Exp #=71662	FePeak.c/s=14 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-141",	XEN=821800 1.024s/pixel ',Yaw=-295"	

Event 88/08/	Event # = 21827 88/08/05,07:43 Start	D0Y=218 Peak	End times							
60ES 8CS 5CS	07:42	07:43	07:46	CaPeak.c/s=20	Qual=00 Qual= 4	FePeak=07:42	FePeak.c/s=13			XEN=821801
UVSP	07:39			Wavelength=2788A		Exp #=71664	kast=U.xU. Rast=180"x1"	Step=0"	Cad=1.02s Pitch=-138"	1.0245/p1xel ", Yaw=-305"
Event 88/08/0	: # = 9326 3/05,11:43 Start	D0Y=218 Peak	End times	SMM Pointing:	N32W29		Pitch=-267", Yaw=-510", Roll=-20deg	r=-510", Ro1	1=-20deg	H.Ang=37deg
GOES HXRBS* UVSP	11:42:59 11:24	11:43:22	11:43:37	Peakc/s=58 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=206 Exp #=71669	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-131"	', Yaw=-328"
Event 88/08/0	Event # = 21828 88/08/05,17:47 Start Optical	DOY=218 Peak	End times	HaClass=SF	N27W36	AR5092	Mac.=FKI	Carr.Lon.=300deg	=300deg	H.Ang=40deg
805 505 505 505	17	17:47	18:00		Qual=00 Qual= 5	FePeak=17:47	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=821802 1.024s/pixel
UVSP	17:50			Wavelength=1375A		Exp #=71677	Rast=265"x265"		Pitch=-246	', Yaw=-538"
	1000				90/80/88	6 D0Y=219				
Event #88/08/0	# = 932/ 06,02:09	00Y=219	+	SMM Pointing:	N32W36		Pitch=-241", Yaw=-594", Roll=-20deg	=-594", Rol	]=-20deg	H.Ang=43deg
GOES HXRBS* UVSP	31,47,0 02:02 02:02:46 02:28	2:02:55	End Cimes 02:21 02:03:41	Importance=89 Peakc/s=65 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=294 Exp #=71704	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-105"	', Yaw=-417"
Event # 88/08/0 60ES BCS	t # = 21829 3/06,03:57 Start 03:38 03:42	00Y=219 eak 13:57	End times 04:01 04:08	Importance=C2 CaPeak.c/s=44	Qua]=01	FePeak=03:54	FePeak.c/s=12		dt= 7.7s	XFN=821900
FCS UVSP	04:01			Wavelength=2788A		Exp #=71706	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s   Pitch=-102",	1.024s/pixel ",Yaw=-426"
Event #88/08/C GOES BCS FCS UVSP	# = 21830 36,04:45 Start 04:44 04:39	DOY=219 Peak 04:45	End times 05:06	CaPeak.c/s=32 Wavelength=2788A	Qual=00 Qual= 5	FePeak=04:45 Exp #=71707	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-101"	XEN=821901 1.024s/pixe1 ', Yaw=-429"
Event 88/08/0	Event # = 9328 88/08/06,05:23	D0Y=219	pod +	SMM Pointing:	N32W38		Pitch=-235", Yaw	, Yaw=-616", Roll	, Roll=-20deg	H.Ang=44deg
Optical		1548 05-23	05·40	HaClass=SF	N31E55			Carr.Lon.=202deg	=202deg	H.Ang=57deg
HXRBS* (UVSP	)5:20:06 )5:36	05:21:20	05:22:00	8A	Qual=01	Tot Cts=1106 Exp #=71708	MaxkeV=131 Rast=180"x1"	Step=0"	Pitch=-100", Yaw=-434	, Yaw=-434"

Ξ

Event # = 9332 88/08/07,15:19	2 9 DOY=220		SMM Pointing:	S14W20		Pitch=+411", Yaw=-188"	w=-188", Roll	, Roll=-20deg	H.Ang=28deg
Optical	15.10	קינו		N25W62	AR5092	Mac.=FHI	Carr.Lon.=301deg	301deg	H.Ang=62deg
HXRBS* 15:15:14 UVSP 15:07 Radio Frequenc	5:15:14 15:16:45 15:19:1 5:07 Frequency(MHz)/Flux(sfu)	9 :	importance=co Peakc/s=1176 Wavelength=2788A C 8800/140 15400/57	Qual=03 Qual=01 Code=01	Tot Cts=31811 Exp #=71768	MaxkeV=224 Rast=180"x1"	Flags=M5 Step=0"	Pitch≕+290"	', Yaw=-4"
Event # = 9333 88/08/07,16:58 Start	3 8 DOY=220 Peak	End times	SMM Pointing:	S14W21		Pitch=+415", Yaw	, Yaw=-202", Roll=-20deg	=-20deg	H.Ang=29deg
GUES HXRBS* 16:58:2 UVSP 16:53	:27 16:58:30	0 16:58:53	Peakc/s≖62 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=262 Exp #=71771	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+304"	, Yaw=-307"
Event # = 9334 88/08/07,20:06 Start	4 5 D0Y=220 Peak	End times	SMM Pointing:	S14W23		Pitch=+421",Yav	, Yaw=-226", Roll=-20deg	=-20deg	H.Ang=30deg
GOES HXRBS* 20:06:31 UVSP 20:03	31 20:06:45	20:0	Peakc/s=122 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=560 Exp #=71778	MaxkeV=71 Rast=10"x10"	Step=0" F	Pitch=+450",Yaw=-255"	, Yaw=-255"
Event # = 933! 88/08/07,23:08	3 DOY=220	Cnd +imes	SMM Pointing:	S14W25		Pitch=-389", Yaw=-319", Roll=90deg	v=-319", Roll=	=90deg	H.Ang=32deg
G0ES 23:04 HXRBS* 23:06:06 UVSP 23:06	23:08 23:06:1	23:10 9 23:06:40	Importance=C1 Peakc/s=93 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=444 Exp #=71790	MaxkeV=101 Rast=243"x243"	Step=3" F	Pitch=-377",Yaw=-306"	, Yaw=-306"
Event # = 9336 88/08/07,23:55 Start	) DOY=220 Peak	Fnd times	SMM Pointing:	S14W25		Pitch=-389", Yaw=-319", Roll=90deg	r=-319", Roll=		H.Ang=32deg
GOES 23:52 HXRBS* 23:53:21 UVSP 00:31	23:59 :1 23:53:42	00:16 23:53:58	Importance=C2 Peakc/s=107 Wavelength=2788A	Qual=02 Qual=11	Tot Cts=1253 Exp #=71791	MaxkeV=71 Rast=180"x1"	Flags=IS Step=0" P	Pitch=+313",Yaw=+185"	, Yaw=+185"
				80/80/88	8 D0Y=221				
Event # = 933/ 88/08/08,00:47 Start	, D0Y=221 Peak	End times	SMM Pointing:	S14W25		Pitch=+434", Yaw=-257", Roll=-20deg	/=-257", Roll=		H.Ang=32deg
GOES HXRBS* 00:46:5 UVSP 00:31		_	Peakc/s=63 Wavelength=2788A	Qual≃00 Qual=01	Tot Cts=141 Exp #=71791	MaxkeV=71 Rast=180"x1"	Step=0" P	Pitch=+313"	, Yaw=+185"
Event # = 9338 88/08/08,01:31 Start	DOY=221 Peak	Fnd times	SMM Pointing:	S14W26		Pitch=+435", Yaw	, Yaw=-267", Roll=	, Roll=-20deg	H.Ang=33deg
Optical 60ES 01:27			.Class=SF	N28W62	AR5092	Mac.=FKI	Carr.Lon.=295deg		H.Ang=62deg
HXRBS* 01:27:5 UVSP 01:26	51 01:27:59	01:28:12	Peakc/s=94 Wavelength=2788A	Qual=01 Code=00	Tot Cts=389 Exp #=71792	MaxkeV=101 Rast=180"x1"	Step=0" P	Pitch=+315",Yaw=-84	, Yaw=-84"

Event # = 9339 88/08/08,02:27	D0Y=221	4	SMM Pointing:	S14W26		Pitch=+435", Yaw=-267", Roll=-20deg	267", Roll		H.Ang=33deg
GOES 02:16 HXRBS* 02:25:20 UVSP 02:05	peak 02:27 02:26:23	Eriu Crimes 02:50 02:26:48	Importance=C2 Peakc/s=59 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=554 Exp #=71793	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+316", Yaw=-89"	, Үаw=-89"
Event # = 9606 88/08/08,07:11	D0Y=221	7	SMM Pointing:	S14W29		Pitch=+448", Yaw	, Yaw=-310", Roll=-20deg	=-20deg	H.Ang=35deg
Start GOES 07:04 HXRBS 07:09:03 UVSP 06:47	Peak 07:11 07:09:42	End times 07:36 2 07:10:52	Importance=C2 Peakc/s=86 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=2170 Exp #=71799	MaxkeV=71 Rast=180"x1"	Flags=I Step=0"	Pitch=+327",Yaw=-125"	, Үаw=-125"
Event # = 9607 88/08/08,21:09		4	SMM Pointing:	S14W37		Pitch=+477", Yaw=-411", Roll=-20deg	411", Roll	=-20deg	H.Ang=42deg
GOES 21:05 HXRBS 21:05:37 UVSP 21:08	21:09 21:05:5	21:26 5 21:06:20	Importance=C2 Peakc/s=74 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=387 Exp #=71824	MaxkeV=71 Rast=10"x10"	Flags=I Step=0"	Pitch=+475",Yaw=-464"	', Yaw=-464"
Event # = 9608 88/08/08,21:41			SMM Pointing:	S14W37		Pitch=+477", Yaw=-411", Roll=-20deg	=-411", Roll	=-20deg	H.Ang=42deg
Start GOES 21:37 HXRBS 21:36:15 UVSP 21:35	Peak 21:41 21:37:10	End times 21:45 21:38:12	Importance=C2 Peakc/s=101 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=1580 Exp #=71828	MaxkeV=71 Rast=10"x10"	Flags=I Step=0"	Pitch=+476",Yaw=-457"	', Yaw=-457"
			A STANDARD OF THE STANDARD OF	88/08/09	9 DOY=222				
Event # = 9340 88/08/09,02:33	D0Y=222	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SMM Pointing:	S14W39		Pitch=+486", Yaw=-442", Roll=-20deg	=-442", Rol	]=-20deg	H.Ang=44deg
Start GOES 02:25 HXRBS* 02:26:16 UVSP 02:31	Peak 02:33 02:26:34	End times 02:40 4 02:32:45	Importance=C2 Peakc/s=70 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=5202 Exp #=71839	MaxkeV=224 Rast=180"x1"	Flags=M5 Step=0"	Pitch=+366"	Pitch=+366",Yaw=-263"
Event # = 9341 88/08/09,05:37	DOY=222	4	SMM Pointing:	S14W41		Pitch=+491", Yaw=-463", Roll=-20deg	463", Rol	]=-20deg	H.Ang=45deg
GOES 05:32 HXRBS* 05:34:42 UVSP 05:38	05:37 05:35:01	05:35:35	Importance=C2 Peakc/s=130 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=1230 Exp #=71843	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=+372"	Pitch=+372",Yaw=-284"
Event # = 9342 88/08/09,06:44 Start	DOY=222	Fnd times	SMM Pointing:	S14W42		Pitch=+494", Yaw=-473", Roll=-20deg	/=-473", Rol	]=-20deg	H.Ang=46deg
Optical GAES 06:27	غ ن	07:43	HaClass=1N Importance=C5	N25E63 Oual=03			Carr.Lon.=154deg	=154deg	H.Ang≖63deg
HXRBS* 06:35:08 UVSP 06:17	06:36:38	06:44:29	Peakc/s=291 Wavelength=2788A	Qual=01	Tot Cts=24071 Exp #=71844	MaxkeV=80 Rast=180"x1"	Step=0"	Pitch=+373'	Pitch=+373",Yaw=-288"

Widges	vent # 8/08/0	= 9344 9,11:16	DOY=222	4	SMM Pointing:	S14W45		Pitch=+502", Yaw=-504", Roll=-20deg	=-504", Roll		H.Ang=49deg
DOY-222 End times SMM Pointing: S14445  DOY-222 End times SMM Pointing: S14445  DOY-222 End times SMM Pointing: S14446  DOY-223  DOY-222  DOY-223  DOY-223  DOY-223  Exp #-71856  DOY-223  DOY-223  DOY-223  DOY-223  Exp #-71856  DOY-223  DOY-223  DOY-223  DOY-223  Exp #-71870  DOY-223  DOY-223  DOY-223  DOY-223  Exp #-71880  DOY-223  DOY-223  DOY-223  DOY-223  DOY-223  Exp #-71880  DOY-223  DOY-223  DOY-223  DOY-223  Exp #-71880  DOY-223  DOY-223  DOY-223  DOY-223  DOY-223  DOY-223  Exp #-71880  DOY-223  DOY-224  DOY-224  DOY-224  DOY-224  DOY-225   SOES HXRBS* JVSP	Start 11:10 11:13:10 10:59	11:16 11:13:		Importance=C2 Peakc/s=109 Wavelength=2788A	Qual=03 Qual=01 Code=01	Tot Cts=1565 Exp #=71850	MaxkeV=61 Rast=180"x1"	Step=0"	Pitch=+381"	, Үам=-317"	
14:30:59   14:31:09   Peakc/s=62   Qual-01   Tot Cts=237   MaxkeV=71   Rast=180"x1"   Step=0"   Pitch=+386   Pitch=+386   Pitch=+360"x1   Step=0"   Pitch=+386   Pitch=+360"x1   Step=0"   Pitch=+386   Pitch=+360"x1   Step=0"   Pitch=+386   Pitch=+360   Pitch=+386   Pitch=+386   Pitch=+386   Pitch=+388   Peakc/s=62   Qual-00   Cts=380   MaxkeV=71   MaxkeV=71   MaxkeV=71   MaxkeV=71   MaxkeV=71   Peak   Pitch=-318", Yaw=-12", Roll=-20deg   Point in times   Peak   Pitch=-318", Peak   Pitch=-318", Peak=-12", Roll=-20deg   Point in times   Peak   Pitch=-318", Peak   Pitch=-318"	went #			1 P P P P P P P P P P P P P P P P P P P	₹S	S14W45		Pitch=+504", Yaw	=-514", Roll		H. Ang=49deg
D0Y-222	SOES HXRBS* JVSP				Importance=C2 Peakc/s=61 Wavelength=2788A	Qual=03 Qual=01	Tot Cts=237 Exp #=71854	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+386"	, Үаw=-336"
15:54:06   15:54:02   Peakc/s=62   Qual=01   Tot Cts=380   Maxev=71   Step=0" Pitch=+388'	Event # 88/08/0	= 9345 9,15:54	DOY=222	1	Pointing	S14W46		Pitch=+507", Yaw	=-524", Roll		H.Ang=50deg
DOY=222 End times End times End times  SyMM Pointing: N25E07  22:35:07 22:35:31 Peakc/s=61  Qual=01  DOY=223  Bay 08/10  DOY=223  End times  Haxkey=71  Bay 4=71870  Mac.=DAI  Carr.Lon.=20deg  Mac.=DAI  Carr.Lon.=207deg  Mac.=130°  Mac.=131°  Raxtey=71  Raxte	GOES HXRBS* UVSP	333	15:54:06	End 15:5	c/s=62 ength=2788A	Qual=00 Qual=01	Tot Cts=380 Exp #=71856	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+388"	, Үам=-345"
22:35:07 22:35:31 Peakc/s=61 Qual=01 Tot Cts=137 RaxteV=71  22:35:07 22:35:31 Peakc/s=61 Qual=01 Exp #=71870  22:35:07 22:35:31 Peakc/s=61 Qual=05 R8/08/10 D0Y=223  22:35:07 22:35:31 Peakc/s=36 Qual=05 R8/08/10 D0Y=223  22:35:07 22:35:31 Peakc/s=36 Qual=05 R8/08/10 D0Y=223  22:35:07 22:35:31 Peakc/s=36 Qual=05 RaxteV=71  22:35	Event # 88/08/0	= 9346 9,22:35	D0Y=222		SMM Pointing	N25E07		Pitch=-318", Yaw	=-12", Roll=		H. Ang=20deg
DOY=223 End times HaClass=SF N22W01 AR5099 Mac.=DAI Carr.Lon.=207deg D2:35 02:53 Importance=C5 Qual= 5 FePeak=02:44 FePeak.c/s=7 #Peaks=1 dt= 7.75 Q2:43 02:50 CaPeak.c/s=36 Qual= 5 FePeak=02:44 FePeak.c/s=7 #Peaks=1 dt= 7.75 Wavelength=2788A Code=02 Exp #=71880 Rast=180"x1" Step=0" Pitch=-171 D0Y=223 End times HaClass=SF S15W53 Mac.=EKI Carr.Lon.=259deg D3:00 03:12 Importance=C3 Qual=01 Tot Cts=742 Maxkev=71 Step=0" Pitch=-171 Wavelength=2788A Qual=01 Tot Cts=742 Maxkev=71 Step=0" Pitch=-171 D0Y=223 Qual=01 Tot Cts=742 Maxkev=71 Step=0" Pitch=-171 Wavelength=2788A Exp #=71885 Rast=180"x1" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Pitch=-150 Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=-150	GOES HXRBS* UVSP	22:34:59 22:34	reak 22:35:07	End time: 22:35:31	Peakc/s=61 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=137 Exp #=71870	MaxkeV=71 Rast=200"x200"	Step=5"	Pitch=-310"	, Үам=-3"
DOY=223 End times HaClass=SF N22W01 AR5099 Mac.=DAI Carr.Lon.=207deg D2:35 02:53 Importance=C5 Qual=05 CaPeak.c/s=36 Qual=5 Beak Aavelength=2788A Code=02 Exp #=71880 Boy=223  Bavelength=2788A Code=02 Exp #=71880 Box=223  Boy=223 Boy=233 Boy=223 Boy=223 Boy=223 Boy=223 Boy=223 Boy=223 Boy=223 Boy=233  Boy=233 Boy=233 Boy=233 Boy=233 Boy=233 Boy=233 Boy=233 Boy=2333  Boy=23333 Boy=23333 Boy=23333 Boy=233333 Boy=23333 Boy=23333						88/08/1					
02:43 02:53 Importance=C5 Qual=U5 FePeak=02:44 FePeak.c/s=7 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=-171 Step=0" Pitch=-171 Step=0" Pitch=-171 Step=0" Pitch=-171 Rast=0"x0" Step=0" Pitch=-171 Step=0" Pitch=-171 Rast=0"x0" Step=0" Pitch=-171 Ras	Event # 88/08/1 Optical	= 21834 0,02:35 Start	DOY=22 Peak	d time	HaClass=SF	NZZWOI		Mac.=DAI	Carr.Lon.=		H.Ang=16deg
### 1880   Pitch   Cade	02:10 02:43	<b>ω4</b>	02:53 02:50		Qual=05 Qual= 5	FePeak=02:44	FePeak.c/s=7		dt= 7.7s	XEN=822300	
D0Y=223 SMM Pointing: N25E04 Pitch=-307", Yaw=-42", Roll=-20deg Peak					[a		Exp #=71880	Kast=U"xU" Rast=180"x1"		cad=1.02s Pitch=-171"	1.0245/p1xel ,Yaw=+139"
HaClass=SF S15W53 03:00 03:12 Importance=C3 Qual=01 02:57:15 02:58:04 Peakc/s=73 Qual=01 Wavelength=2788A  Exp #=71880 Rast=180"x1" Step=0" Pitch=-171 Pitch=-171  Mavelength=2788A  Exp #=71885  Mac.=EKI Carr.Lon.=259deg  MaxkeV=71 Exp #=71880 Rast=180"x1" Step=0" Pitch=-171  Rast=0"x0" Step=0" Cad=1.02s  Mavelength=2788A  Exp #=71885 Rast=0"x0" Step=0" Pitch=-160	Event # 88/08/1	0,03:00	DOY=223	i +	SMM	N25E04		Pitch=-307", Yaw	=-42",Roll=		H.Ang=19deg
D07=223	Optical	מינים כ			HaClass=SF	S15W53		Mac.=EKI	Carr.Lon.⁼		H.Ang=57deg
D0Y=223 Peak End times 06:21 06:29 Importance=C1 Qual=O1 06:21 06:24 CaPeak.c/s=19 Qual= 4 FePeak=06:23 FePeak.c/s=10 #Peaks=1 dt= 7.7s 06:21 06:24 CaPeak.c/s=19 Qual= 4 FePeak=06:23 FePeak.c/s=10 #Peaks=1 dt= 7.7s Mavelength=2788A Exp #=71885 Rast=180"x1" Step=O" Pitch=-160	GUES HXRBS* UVSP	02:56:54 02:37	02:57:1	02:58	Importance=c3 Peakc/s=73 Wavelength=2788A	Qual=01	Tot Cts=742 Exp #=71880	×	Step=0"	Pitch=-171"	, Yaw=+139"
reak cind times 06:21 06:29 Importance=C1 Qual=01 06:21 06:24 CaPeak.c/s=19 Qual=4 FePeak=06:23 FePeak.c/s=10 #Peaks=1 dt=7.7s 06:21 06:24 CaPeak.c/s=19 Qual= 4 FePeak=06:23 FePeak.c/s=10 #Peaks=1 dt=7.7s Mavelength=2788A Exp #=71885 Rast=180"x1" Step=0" Pitch=-160	Event # 88/08/1	0,06:21	DOY=22	9							
06:46 Wavelength=2788A Exp #=71885 Rast=180"x1" Step=0" Pitch=-160"	GOES	3tart 06:15 06:21	06:21 06:21 06:21	<u></u>	Importance=Cl CaPeak.c/s=19	Qual=01 Qual= 4	FePeak=06:23	FePeak.c/s=10		dt= 7.7s	XEN=822301
		4			_		Exp #=71885	kast=U.xU. Rast=180"x1"		cad=1.025 Pitch=-160"	1.024s/plxel ,Yaw=+108"

Event # = 88/08/10,0 Sta Optical Optical GOES 06: BCS 06: FCS	836 42	DOY=223 Peak 06:42 06:21	End times 07:10 06:24	Ha. Imp CaP		AR5101 AR5099 FePeak=06:23	Mac.=EKI FePeak.c/s=10 Rast=0"x0"	Carr.Lon.=242deg Carr.Lon.=206deg #Peaks=1 dt= 7. Step=0" Cad=1.	7s 02s	H.Ang=43deg H.Ang=17deg XEN=822301 1.024s/pixe1	
UVSP U6:	:46			₩avelength=2/88A	Code=02	Exp #=/1885	Rast=180"x1"		Pitch=-160	', Yaw=+108"	1
Event # = 9348 88/08/10,08:07 Start		D0Y=223 Peak	End times	SMM Pointing:	N25E01		Pitch=-292",Yav	, Yaw=-83", Roll=	,Roll=-20deg	H.Ang=19deg	
Optical GOFS 07:	_	18:07	_	HaClass=SF	\$15W57 0ual=03	AR5101	Mac.=EKI	Carr.Lon. =260deg	-260deg	H.Ang=60deg	
HXRBS* 07:36: UVSP 08:19		07:40:11	08:17:45	8A	Qual=01	Tot Cts=83801 Exp #=71887	MaxkeV=80 Rast=180"x1"	Step=0"	Pitch=-156"	', Yaw=+96"	
Event # = 9349 88/08/10,09:15	1	D0Y=223	End +imos	SMM Pointing:	N25E01		Pitch=-288", Yaw	, Yaw=-94", Roll=	,Roll=-20deg	H.Ang=19deg	1
Optical		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ני וווכי	HaClass=SF	N20E44	AR5106	Mac.=DA0	Carr.Lon.=158deg	=158deg	H.Ang=45deg	
*	:19		09:19:20	portance=c/ akc/s=332 velength=2788A	Qual=01	Exp	MaxkeV=80 Rast=180"x1"	Flags=M5 Step=0"	Pitch=-154"	', Yaw=+92"	
HXRBS 09:07	.25	09:07:39	09:08:00	As Peakc/s=101	Associated Qual=01	<pre>Event # = 9616 Tot Cts=487</pre>	MaxkeV=61	Flags=I	1 1 1 1	1 1 1 1 1 1	,
					88/08/12	2 D0Y=225					]
Event # = 88/08/12,0		00Y=225	L.	SMM Pointing:	N25W25		Pitch=-165",Yav	, Yaw≕-453", Rol	Roll=-20deg	H.Ang=31deg	
GOES 09:40 HXRBS* 09:39:54 UVSP 09:28		09:42 09:40:20	09:46 09:40:37	Importance=C2 Peakc/s=166 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=1577 Exp #=71960	MaxkeV=80 Rast=180"x1"	Step=0"	Pitch=-32"	, Yaw=-267"	
=	0.00				88/08/1	3 D0Y=226					
88/08/13,1	= 9351 9,18:39 D	D0Y=226	יים ארים <u>המו</u>	SMM Pointing:	NO7W00		Pitch=-1",Yaw≕	, Yaw=+3", Roll=-20deg	)deg	H.Ang=Odeg	
٦, الس	່ ລ	2 cus	0.10	HaClass=SF	N25E03	AR5106	Mac.=DKI	Carr.Lon.=154deg	=154deg	H.Ang=19deg	
HXRBS* 18:2	31:53 1 22	8:32:05	18:32:11	Peakc/s=50 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=74 Exp #=72004	MaxkeV=43 Rast=180"x1"	Step=0"	Pitch=+2",)	, Yaw=+0"	
1 + 400.	0350				88/08/15	5 D0Y=228					
88/08/15,01:57 Start		DOY=228	Fnd times	SMM Pointing:	N20W18		Pitch≖-112",Yaw	, Yaw=-339", Roll	, Roll=-20deg	H.Ang=22deg	
Optical Coles		11.57	70.	HaClass=SF	N26W14	AR5106	Mac.=EAI	Carr.Lon.=154deg	154deg	H.Ang=23deg	
HXRBS* 01:	54:02	01:54:23	01:55:26	Peakc/s=59 Wavelength=1375A	Qual=01 Code=02	Tot Cts=656 Exp #=72058	MaxkeV=43 Rast=130"x130"	Step=5"	Pitch=-172",Yaw=-304	', Yaw=-304"	
				initial Late for the forther late and the forther l							l

Event # = 9357 88/08/15,20:48	357 0:48 DOY=228	8; 8; 9; 9; 9; 9; 9; 9; 9; 9; 9; 9; 9; 9; 9;	SMM Pointing:	N20W29		Pitch=-69", Yaw=	, Yaw=-479", Roll	, Roll=-20deg	H.Ang=31deg
Optical Cort		21.5	•	N15W32	AR5105	Mac.=EKO	Carr.Lon.=162deg	=162deg	H.Ang=32deg
HXRBS* 20:43: BCS 20:47	05 20:43 20:48	:35 20:43:57 20:50	Peakc/s=79 CaPeak.c/s=26	Qual=01 Qual= 1	Tot Cts=708 FePeak=20:47	MaxkeV=43 FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=822800
UVSP 20:30	0		Wavelength=2788A	Code=01	Exp #=72084	Kast=U"XU" Rast=180"x1"	Step=0" Step=0"	Cad=1.028 Pitch=-66",	1.024s/p1xe! ",Yaw=-478"
				88/08/16	6 D0Y=229				
Event # = 9 88/08/16,01	18 16 DOY=22 Doat	9 m;+ Pau	SMM Pointing:	N20W31		Pitch=-58",Yaw=	, Yaw=-512", Roll=-20deg	=-20deg	H.Ang=33deg
GOES 01:42 HXRBS* 01:42: UVSP 01:26	28 01:42:	56 01:43:12	s Importance=B5 Peakc/s=244 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=3155 Exp #=72096	MaxkeV=115 Rast=10"x10"	Step=0"	Pitch=-149'	Pitch=-149",Yaw=-397"
Event # = 21837 88/08/16,04:42 Start	D0Y=22 Peak	9 End times		N16U27	ADETOR	Ond - Sem	sebC31- no! me?	20001	20 PC-200 II
5		05:10	Importance=88	0ua]=01	COTCAN	יומר טחט	. במו	- Tocach	fan/c-filw-u
BCS 04:38 FCS 04:20 UVSP 04:20	18 04:39	04:44	CaPeak.c/s=21 Wavelength=2788A	Qual= 4	FePeak=04:38 Exp #=72099	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+82",	XEN=822900 1.024s/pixel Yaw=-348"
Event # = 21838 88/08/16,11:35 Start	DOY=22 Peak	9 End times							
Ξ	11:3	12:10	HaClass=SF Importance=Cl	N21W32 Oual=03	AR5106	Mac.=EAI	Carr.Lon.=154deg	=154deg	H.Ang=34deg
BCS 11:32 FCS	11:36	11:43	CaPeak.c/s=20	Qual= 4	FePeak=11:33	FePeak.c/s=6 Bast=0"x0"	#Peaks=1	dt= 7.7s	
UVSP 11:38	89		Wavelength=2788A	Code=02	Exp #=72108	Rast=180"x1"		Pitch=+95",	Yaw=-397"
				1/80/88	7 D0Y=230				
Event # = 9698 88/08/17,00:14 Start	1698 1:14 DOY=230 1+ Dest	0	SMM Pointing:	N23W38		Pitch=-85", Yaw=-609",	-609", Roll=	, Roll=-20deg	H.Ang=40deg
Optical GOFS 00-1		01.05	HaClass=SF	S20W33	AR5108	Мас.=ННХ	Carr.Lon.	=148deg	H.Ang=42deg
HXRBS 00:1 UVSP 00:1	00:10:01 00:10: 00:10	:36 00:11:43	Peakc/s=81 Wavelength=2788A	Qual=01 Code=00	Tot Cts=1710 Exp #=72124	MaxkeV=43 Rast=180"x1"	Flags=I Step=0"	Pitch=+51",	, Yaw=-430"
Event # = 9360 88/08/17,06:08 Start	1360 1:08 DOY=230 1: Peak	Fnd + ime	SMM Pointing:	N23W42	The second secon	Pitch=-75", Yaw=-649",	-649", Roll=	, Roll=-20deg	H.Ang=43deg
Optical GOFS OF:0		06:11		N15W51	AR5105	Mac.=DHO	Carr.Lon.=162deg	=162deg	H.Ang=51deg
HXRBS* 06:0 UVSP 05:3	06:06:06 06:06: 05:37	:34 06:06:58	Peakc/s=5/ Wavelength=2788A	Qual=01 Code=00	Tot Cts=378 Exp #=72132	MaxkeV=43 Rast=243"x243"	Step=3"	Pitch=-68",Yaw=-635"	Yаw=-635"
									***************************************

Event # = 21840 88/08/23,21:23 Start	= 21840 ,21:23 ;tart	D0Y=236 Peak	End times							
GOES BCS 2	21:21	21:23	22:19	CaPeak.c/s≈54	Qua]=00 Qua]= 5	FePeak=21:28	FePeak.c/s=13	#Peaks=1	dt= 3.85	XEN=823601
UVSP 2	21:26			Wavelength=1375A		Exp #=72370	kast=U~xU~ Rast=265"x265"	Step=0" Step=5"	Cad=4.10s 4 Pitch=-661",	4.096s/pixel ",Yaw=+715"
Event # = 21841 88/08/23,22:59 Start	= 21841 ,22:59 tart	D0Y=236 Peak	End times							
GOES BCS 2	22:55	22:59	23:53	CaPeak.c/s=30	Qual=00 Qual= 5	FePeak=23:03	FePeak.c/s=15		dt= 7.7s	XEN=823602
	22:59			Wavelength=1375A		Exp #=72378	Kast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=.26s Pitch=-661"	0.256s/pixel ",Yaw=+715"
	0.0				88/08/24	4 D0Y=237				
Event # = 21842 88/08/24,00:39 Start	= 21842 ,00:39 tart	D0Y=237 Peak	End times							
GOES BCS FCS	00:30	00:39	01:27	CaPeak.c/s=21	Qua]=00 Qua]= 4	FePeak=00:35	FePeak.c/s=14	#Peaks=1	dt= 7.7s X	XEN=823700
	00:37	1		Wavelength=1375A		Exp #=72387	Rast=130"x130"		pitch=-729	", Yaw=+648"
					88/08/25	5 D0Y=238		***************************************		
Event # = 9374 88/08/25,02:19	= 9374 ,02:19	DOY=238		SMM Pointing:	NO7WOO		Pitch=+2", Yaw=-4", Roll=-20deg	4", Roll=-2(	Odeg	H.Ang=Odeg
Optical	ים ר	AB .	^		\$22E72	AR5126		Carr.Lon.=296deg	=296deg	H.Ang=76deg
GUES 0 HXRBS 0 Radio Sw	2:17:45 eeps	02:19 02:17:51 Type/I	GUES 02:09 02:19 02:23 HXRBS 02:17:45 02:17:51 02:18:08 Radio Sweeps Type/Intensity:	<pre>Importance=Cl Peakc/s=65 III/2</pre>	Qual=01 Qual=01	Tot Cts=237	MaxkeV=71			,
Event # = 9375 88/08/25,20:21	1	DOY=238	End +	SMM Pointing:			Pitch=-480", Yaw=	, Yaw=-960", Roll=-20deg	1=-20deg	
GOES HXRBS 20 UVSP 20		20:21:40		Peakc/s=91 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=5397 Exp #=72432	MaxkeV=131 Rast=265"x265"	Flags=AX Step=5"	Pitch=-473"	", Yaw=-947"
	1000				88/08/26	5 D0Y=239				
Event # = 93/6 88/08/26,01:50 Start	= 93/6 ,01:50 tart	D0Y=239 Peak	Fnd times	SMM Pointing:	N21W19		Pitch=-121",Yaw	, Yaw=-351", Roll	, Roll=-20deg	H.Ang=23deg
Optical GOFS OF	1:35	01:50	01.56	HaClass=SF	\$23E70	AR5126	Mac.=EKO	Carr.Lon.=285deg	=285deg	H.Ang=75deg
HXRBS 0.	01:35:55 01:40	01:36:06	01:36:06 01:36:58	88A	Qual=01 Code=00	Tot Cts=684 Exp #=72460	MaxkeV=71 Rast=243"x243"	Step=3"	Pitch=+68",Yaw=-334	, Yaw=-334"

Event # = 9377 88/08/26,05:01 DOY=239		SMM Pointing:	N20W32		Pitch=-45", Yaw=.	, Yaw=-526", Roll=-20deg	20deg	H.Ang=34deg
start 24.46	ב ב	Ha.	\$20E90	AR5129		Carr.Lon.=263deg	:263deg	H.Ang=92deg
UVSP 05:03	03:01 04:46:42 04:49:01	Importance-C2    Peakc/s=71   Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=1225 Exp #=72464	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+91", Yaw=-347"	Yaw=-347"
Event # = 9378 88/08/26,06:17 DOY=	DOY=239 Deat Fine	SMM Pointing:	N19W33		Pitch=-41", Yaw=-537", Roll=-20deg	-537", Roll=	20deg	H.Ang=34deg
	9 06:1	n Peakc/s≠78 Wavelength=2788A	Qual=00 Qual=11	Tot Cts=589 Exp #=72465	MaxkeV=162 Rast=180"x1"	Flags=IN Step=0"	Pitch=+94",Yaw=-358"	Үаw=-358"
Event # = 9379 88/08/26,11:24 DOY=	D0Y=239	SMM Pointing:	N20W36		Pitch=-33", Yaw=-569", Roll=-20deg	-569", Roll=	20deg	H.Ang=37deg
	c End times		\$20E66		Mac.=EKO	Carr.Lon.=284deg	-284deg	H.Ang=70deg
GOES 11:13 11:2 HXRBS 11:15:19 11:2 UVSP 11:18 Radio Frequency(M	1:13 11:24 12:10 1:15:19 11:20:15 11:23:29 1:18 Frequency(MHz)/Flux(sfu):	<pre>Importance=M1 9    Peakc/s=153 Wavelength=278 : 245/82 4995/66</pre>	Qual=01 3 Qual=01 38A Code=00 5 8800/54	Tot Cts=23904 Exp #=72468	MaxkeV=162 Rast=180"x1"	Step=0"	Pitch=+103'	Pitch=+103",Yaw=-389"
			88/08/2/	7 D0Y=240				
Event # = 9380 88/08/27,12:05 DOY:		SMM Pointing:	N19W49		Pitch=+5", Yaw=-724", Roll=-20deg	724",Roll=-	-20deg	H.Ang=50deg
	End th	HaClass=SF	S19E76	AR5131	Mac.=DAO	Carr.Lon.=260deg	=260deg	H.Ang=79deg
GOES 11:55 12:05 HXRBS 11:58:36 11:59: UVSP 12:22	95 59:02 12:01:06		Qual=04 Qual=01	Tot Cts=6590 Exp #=72505	MaxkeV=101 Rast=180"x1"	Flags=I Step=0"	Pitch=+140"	", Yaw=-542"
Event # = 9381 88/08/27,23:04 DOY:	1	SMM Pointing:	S24E44		Pitch=+228",Yaw=+721",Roll=-20deg	=+721", Rol	]=-20deg	H.Ang=53deg
Start Pea GOES 22:59 23:0 HXRBS 23:00:08 23:0 UVSP 23:19	Peak End Unites 23:04 23:15 23:01:11 23:01:57	Importance=C1 57 Peakc/s=60 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=794 Exp #=72519	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+109"	", Yaw=+648"
			88/08/28	8 D0Y=241				
# = 21843 '28,03:43 DOY Start Pea	1	nes HaClass=SN	\$19E72	AR5131	Mac.=DAO	Carr.Lon.=255deg	"255deg	H.Ang=76deg
GUES 03:35 03:18 03:40 0	43 04:28 42 03:50	Importance=C3 qual=U3 CaPeak.c/s=67 Qual= 1 Wavelength=1375A Code=O0	Qual= 1 Qual= 1 Code=00	FePeak=03:42 Exp #=72525	FePeak.c/s=14 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 131s Pitch=+189"	XEN=824100 0.512s/pixe1 ",Yaw=+663"

Event # = 21844 88/08/28,11:34 Start GOES 11:25 BCS 11:31	21844 11:34 tart 1:25 (:31	DOY=241 Peak 11:34 11:33	End times 12:13 11:45	Importance=C3 CaPeak.c/s=26	Qua]=03 Qua]= 4	FePeak=11:31	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s X	XEN=824101
	11:51		-	Wavelength=2788A		Exp #=72541	Rast=180"x1"	Step=0"	Pitch=+143'	', Yaw=+577"
Event # = 9382 88/08/28,14:14	1	DOY=241	- +	SMM Pointing:	S24E36		Pitch=+269", Yaw	, Yaw=+638", Rol	, Roll=-20deg	H.Ang=47deg
Optical 14		14.14	וות נווווכט	HaClass=SF	\$19E68	AR5131	Mac.=DAO	Carr.Lon.=254deg	=254deg	H.Ang=72deg
GOES 14 HXRBS 14 UVSP 13	:10:32 :59	14:14 14:11:08	14:21 14:11:21	Importance=L1 Peakc/s=59 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=200 Exp #=72544	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+149'	Pitch=+149",Yaw=+564"
					88/08/59	9 D0Y=242				
Event # = 21845 88/08/29,03:09 Start GOES 03:01 BCS 03:08		D0Y=242 Peak 03:09 03:08	End times 03:20 03:10	Importance=C1 CaPeak.c/s=19	Qua}=01 Qua]= 4	FePeak=03:09	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=824200
FCS UVSP 02				Wavelength=1375A	Code=00	Exp #=72572	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+103",	1.024s/pixel ",Yaw=+833"
Event # = 21846 88/08/29,09:32   Start   GOES   09:27   GES   09:27   GES   09:27   GES   09:16   GES   21846 09:32 art 3:27	00Y=242 Peak 09:32	End times 09:42 09:44	Importance=C2 CaPeak.c/s=38	Qual=01 Qual= 1	FePeak=09:30	FePeak.c/s=9	1	dt= 7.7s	XEN=824201	
FCS UVSP 09	1:11			Wavelength=1375A	Code=00	Exp #=72576	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=+712"	Cad=1.02s 1.024s/pixel Pitch=+712",Yaw=-363"
Event # = 9383 88/08/29,09:52	1	D0Y=242	+ + + + + + + + + + + + + + + + + + +	SMM Pointing:	S19E52		Pitch=+709", Yaw	, Yaw=-376", Rol	, Roll=90deg	H.Ang=57deg
Optical			ב ב	HaClass=SN	\$16E57	AR5131	Mac.=EKI	Carr.Lon.=254deg	=254deg	H.Ang=61deg
HXRBS 09	09:46:25 09:46	09:48:24 09:49	09:51:25 09:53	Importance-co Peakc/s=555 CaPeak.c/s=151	Qual=01 Qual= 1	Tot Cts=22633 FePeak=09:49	MaxkeV=131 FePeak.c/s=49	Flags=M5 #Peaks=1	dt= 3.85	XEN=824202
2	):11			Wavelength=1375A	Code=00	Exp #=72576	Rast=25 X25 Rast=265"x265"	Step=5"	cad=23.0s 1 Pitch=+712",	1.024s/p1xe1 ", Yaw=-363"
Event # = 88/08/29,	1	١.,	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	SMM Pointing:	S19E51		Pitch=+115", Yaw	, Yaw=+788", Rol	', Roll=-20deg	H.Ang=57deg
GOES 31ar GOES 11:01 HXRBS 11:04:28 BCS 11:04		11:09 11:04:56 11:07	11:22 11:06:33 11:20	Importance=C2 Peakc/s=63 CaPeak.c/s=45	Qual=01 Qual=01 Qual= 1	Tot Cts=927 FePeak=11:06	MaxkeV=71 FePeak.c/s=9		dt= 7.7s Xi	XEN=824203
_	.0:46			Wavelength=2788A	Code=00	Exp #=72577	Rast=243"x243"	Step=3"	cad-10035 Pitch=+123"	040s/pixei ,Yaw=+797"

131 1319 13144 CaPeak.c/s-25 (qual=5) FePeak=1313/ FePeak.c/s-25 FePeak.c/s-25 FePeak.c/s-25 FePeak.c/s-35 FePeak.c/s-35 FePeak.c/s-31 (qual=6) FePeak=14:29 FePeak.c/s-37 FePeak.c/s-31 (qual=6) FePeak=14:29 FePeak.c/s-3 FePeak.c/s-31 (qual=6) FePeak-14:29 FePeak.c/s-3 FePeak.c/s-3 FePeak.c/s-31 (qual=6) FePeak-14:29 FePeak.c/s-9 FePeak.c/s-3 FePeak.c/s-33 FePeak.c/s-33 FePeak.c/s-37 Qual=6) FePeak-15:50 FePeak.c/s-16:37 GaPeak.c/s-37 Qual=6) FePeak-15:50 FePeak.c/s-6 FePeak.c/s-6 FePeak.c/s-6 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-16:08 GaPeak.c/s-33 Qual=6 FePeak-16:07 FePeak.c/s-6 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak.c/s-6 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak.c/s-6 FePeak-16:07 FePeak-16:07 FePeak-16:07 FePeak-16:08 GaPeak.c/s-20 Qual=05 FePeak-16:07 FePeak-132 Yaw-776	13:35 13:35 13:35	.847 42 D0Y=242 Peak 13:42	End times 13:54	Importance=C2	Qua]=03		-	1		
## 21848  14:29  14:39  14:39  14:29  14:39  14:39  14:39  14:29  14:39  14:39  14:29  14:39  14:39  14:29  14:39  14:29  14:39  14:39  14:39  14:29  14:39  14:29  14:39  14:29  14:39  14:29  14:39  14:29  14:39  14:29  14:39  14:29  14:39  14:39  14:29  14:39  14:29  14:39  14:29  14:39  14:29  14:39  14:29  14:39  14:29  14:39  14:29  14:39  14:39  14:29  14:39  14:29  14:39  14:39  14:29  14:39  14:29  14:39  14:39  14:29  14:39  14:29  14:39  14:39  14:39  14:29  14:39  14:29  14:39  14:29  14:39	BCS 13:37 FCS 13:30 UVSP 13:30	13:3	13:44	CaPeak.c/s=25 Wavelength=2788A		FePeak=13:3/ Exp #=72580	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= /./s Cad=1.02s Pitch=+2",	XEN=824204 1.024s/pixel ,Yaw=+700
Havelength=2788A Code=02   Exp #=72881   Hax:=0 xu   Step=0   Cad=1.02     DOY=242		D0Y=2 Peak 14:28 14:29	i ii e	Importance=C2 CaPeak.c/s=31	Qual=01 Qual= 1	FePeak=14:29	FePeak.c/s=9	_	dt= 7.7s	XEN=824205
DOY=242         SMM Pointing:         S19E49         Pitch=+125", Yaw=+767", Roll=-20deg           Peak         HaClass          Indeprised Signature	14:2			Wavelength=2788A	Code=02	Exp #=72581	Kast=U"XU" Rast=180"x1"		cad=1.02s Pitch=+5",	1.024s/p1xel Yaw=+696"
15.52   16.23   16.24   15.54   16.54   16.55   16.24   16.55   16.24   16.55   16.2	E Ö	"		1	S19E49		Pitch=+125", Yaw	=+767", Rol	1=-20deg	H.Ang=55deg
15:54:44   15:54:35   5   14   15:54   14   15:54:35   15:45   14   15:54   15:54:35   15:54:35   15:54   15:54:35   15:54   15:54   15:54:35   15:54   15:5	ptical		ild tillies 5.22	HaClass=1N	S16E54	AR5131	Mac.=EKI	Carr.Lon.	=253deg	H.Ang=58deg
Havelength=2788A Code=02   Exp #=72583   Hast=180"x1"   Step=0"   Pitch=+9"	15:43 15:43 15:45	28 15:48: 15:52	15:54:35 16:07	importance-mi Peakc/s=348 CaPeak.c/s=717	Qual=01 Qual=1	Tot Cts=28445 FePeak=15:50	MaxkeV=101 FePeak.c/s=148	Flags=M5 #Peaks=1	dt= 3.8s	XEN=824206
16:07   16:08   CaPeak.c/s=18   Qual= 5 FePeak=16:07   Rast=0"x0"   Step=0"   Cad=3840s     16:07   16:08   CaPeak.c/s=18   Qual= 5 FePeak=16:07   Rast=0"x0"   Step=0"   Cad=3840s     16:03:49   16:04:15   Peakc/s=53   Qual=01   Tot Cts=291   MaxkeV=71   MaxkeV=71   MaxeV=71   Max	16:02				Code=02	Exp #=72583	kast=25.x25. Rast=180"x1"	Step=0"	cad=25.0s Pitch=+9",	1.0245/p1xe1 Yaw=+688"
DOY=242 End times   16:03:49   16:04:15   Peakc/s=53   Qual=00   Tot Cts=291   MaxkeV=71   MaxkeV=7	16:07	16:07	16:08	caPeak.c/s=18	Qual= 5	Event # = 21049 FePeak=16:07	FePeak.c/s=6 Rast=0"x0"		dt= 7.7s Cad=3840s	
16:03:49   16:04:15   Peakc/s=53   Qual=01   Tot Cts=291   MaxkeV=71   Rast=180"x1"   Step=0"   Pitch=+9",     D0Y=242	86 t	DOY=2	+	1	S19E49		Pitch=+125", Yaw	=+767", Rol	1=-20deg	H.Ang=55deg
DOY=242 Peak End times 16:46 16:54 16:55 CaPeak.c/s=20 Qual=05 16:48 16:56 CaPeak.c/s=20 Qual=05 16:48 16:56 CaPeak.c/s=20 Qual=05 16:48 16:56 CaPeak.c/s=8 #Peaks=1 dt= 7.7s Rast=180"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=+111" Step=0" Pitch=+111" Step=0" Pitch=+132", Yaw=+754", Roll=-20deg Peak HaClass=1N S18E52 AR5131 Aac.=EKI Carr.Lon.=254deg 18:25 18:25 18:25 18:36 CaPeak.c/s=8 #Peaks=1 dt= 7.7s Rast=180"x1" Step=0" Pitch=+132", Yaw=+754", Roll=-20deg Peak Aaxev=71 Rast=180"x1" Rast=60" Step=10" Cad=3.05s Rast=180"x1" Step=0" Pitch=+15"	10	16:03	16:04	Peakc/s=53 Wavelength=2788A	Qual=00 Qual=01		MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+9",	Yaw=+688"
D0Y=242 SMM Pointing: S19E47 Rast=180"x1" Step=0" Cad=1.0Zs Cadeg Peak End times HaClass=1N S18E52 AR5131 Mac.=EKI Carr.Lon.=254deg Importance=C2 Qual=01		DOY=24 Peak 16:46 16:48	nd ti 6:54 6:56	Importance=C2 CaPeak.c/s=20	Qual=05 Qual= 5	FePeak=16:48	FePeak, C/s=8	#Peaks=1	dt= 7.7s	XEN=824208
D0Y=242 SMM Pointing: S19E47 Pitch=+132",Yaw=+754",Roll=-20deg Peak End times HaClass=1N S18E52 AR5131 Mac.=EKI Carr.Lon.=254deg 18:25 18:45 Importance=C2 Qual=01 Tot Cts=3104 MaxkeV=71 FePeak.c/s=20 #Peaks=1 dt= 3.8s 18:25 18:36 CaPeak.c/s=96 Qual= 1 FePeak=18:23 Rest=60"x60" Step=10" Cad=36.9s Mavelength=2788A Code=01 Exp #=72586 Rast=180"x1" Step=0" Pitch=+15"						Exp #=72584	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+11"	1.0245/plxel ,Yaw=+685"
HaClass=1N S18E52 AR5131 Mac.=EKI Carr.Lon.=254deg 18:25 18:45 Importance=C2 Qual=01 5 18:21:31 18:23:35 Peakc/s=101 Qual=01 Tot Cts=3104 MaxkeV=71 18:25 18:36 CaPeak.c/s=96 Qual= 1 FePeak=18:23 FePeak.c/s=20 #Peaks=1 dt= 3.8s 18:25 18:36 CaPeak.c/s=96 Qual= 1 FePeak=18:23 FePeak.c/s=20 #Peaks=1 dt= 3.8s Mavelength=2788A Code=01 Exp #=72586 Rast=180"x1" Step=0" Pitch=+15"	went # = 93 8/08/29,18:	DOY=2 Peak	time	1	S19E47		Pitch=+132", Yaw	(=+754", Rol	1=-20deg	H.Ang=54deg
18:20:36 18:21:31 18:23:35 Peakc/s=101 Qual=01 Tot Cts=3104 MaxkeV=71 18:23 18:25 18:36 CaPeak.c/s=96 Qual= 1 FePeak=18:23 FePeak.c/s=20 #Peaks=1 dt= 3.8s 18:23 18:25 18:36 CaPeak.c/s=96 Qual= 1 FePeak=18:23 FePeak.c/s=20 #Peaks=1 dt= 3.8s Rast=60"x60" Step=10" Cad=36.9s 18:11 Wavelength=2788A Code=01 Exp #=72586 Rast=180"x1" Step=0" Pitch=+15"	ptical OES 18:19		5	HaClass=1N Importance=C2	\$18E52 Qual=01	AR5131	Mac.=EKI	Carr.Lon.	=254deg	H.Ang=57deg
18:11 Wavelength=2788A Code=01 Exp #=72586 Rast=180"x1" Step=0" Pitch=+15"	18:20 18:23	36 18:21:3 18:25	18:23:35 18:36	Peakc/s=101 CaPeak.c/s=96	Qual=01 Qual= 1	Tot Cts=3104 FePeak=18:23	MaxkeV=71 FePeak.c/s=20 Dast=60"x60"	#Peaks=1	dt= 3.8s	XEN=824209
	18:			Š		Exp #=72586	Rast=180"x1"	Step=0"	Pitch=+15"	, Yaw=+677"

Wavelength=2788A Code=02	Event 88/08/ 60ES BCS	Event # = 21851 88/08/29,20:38 Start GOES 20:24 BCS 20:03	DOY=242 Peak 20:38 20:38	End times 21:21 20:49	Importance=C3 CaPeak.c/s=71	Qual=03 Qual= 1	FePeak=20:35	FePeak.c/s=19	#Peaks=2	dt= 7.7s	XEN=824210
S8/08/30   D0Y=243   FePeak=02:12   FePeak_C/S=12   FePeak_C	SS MSS	20:44			Wavelength=2788A	Code=02	Exp #=72589	Rast=180"x1"		1	7aw=+663"
Decision   Decision	vent	# = 21852	700			88/08/30					
DOY=243         Havelength=2788A Code=02         Exp #=72596         Rast=0"XO" Rast=0"XO" Step=0" Cad=1.02s         Rast=0"XO" Step=0" Cad=1.02s           Peak (10) ImportanceC1 (10) Gal=1.02s         Qual=0 (10) Gal=1.02s         AR5131 (10) Gal=1.02s         Mac.=EKI (10) Carr.Lon.=256deg         Carr.Lon.=256deg           DOY=243 (10) Gal=1.02s         Wavelength=1375A (20d=00 (10) Exp #=72599 (10) Cad=1.02s         Rast=0"XO" Step=0" Cad=1.02s         Step=0" Cad=1.02s           DOY=243 (11) Cad=1.02s         Mavelength=1375A (20d=00 (10) Exp #=72599 (20) Cad=1.02s         Rast=0"XO" Step=0" Cad=1.02s           Mavelength=1375A (20d=00 (20) Exp #=72599 (20) Cad=1.02s         Rast=0"XO" Step=0" Cad=1.02s           Mavelength=1375A (20d=00 (20) Exp #=72599 (20) Cad=1.02s         Rast=0"XO" Step=0" Cad=1.02s           Mavelength=1375A (20d=00 (20) Exp #=72599 (20) Cad=1.02s         Rast=0"XO" Step=0" Cad=1.02s           Mavelength=1375A (20d=00 (20) Exp #=72599 (20) Cad=1.02s         Rast=0"XO" Step=0" Cad=1.02s           Mavelength=1375A (20d=00 (20) Exp #=72601 (20) Cad=1.02s         Rast=0"XO" Step=0" Cad=1.02s           Mavelength=1375A (20d=00 (20) Exp #=72601 (20) Cad=1.02s         Rast=265"x265 (20) Cad=1.02s           Mavelength=1375A (20d=00 (20) Exp #=72601 (20) Cad=1.02s         Rast=265"x265 (20) Cad=1.02s           Mavelength=1375A (20d=00 (20) Exp #=72601 (20) Cad=1.02s         Rast=260" Cad=1.02s           Mavelength=1375A (20) Cad=00 (20) Cad=00 (20) Cad=00 (20) Cad=00 (20) Cad=0	30/ 00, 30ES 3CS	30,01:34 Start 01:26 02:10	Peak 01:54 02:12	:33 :24		Qua]=05 Qua]= 5	FePeak=02:12	FePeak.c/s=12		dt= 7.7s	XEN=824300
DOY=243 HaClass=SF S20E45 AR5131 Hac.=EKI Carr.Lon.=256deg Hac.=EKI Carr.Lon.=256deg Hac.=Cs=19 Qual=01 Qua		05:00			Wavelength=2788A	Code=02	Exp #=72596	Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=+37",	1.024s/pixel ,Yaw=+634"
04:05 04:10	event 38/08/	# = 21853 30,04:05 Start	DOY=24 Peak	time							
04:06 04:09 CaPeak.c/s=19 Qual= 4 FePeak=04:06 FePeak.c/s=6 #Peaks=1 dt=7.7s  Mavelength=1375A Code=00 Exp #=72599 Rast=10"x10" Step=0" Pitch=+157.  D0Y=243 End times HaClass=SF S20E45 AR5131 Mac.=EKI Carr.Lon.=256deg Gat-1.02s  O4:14 04:18 CaPeak.c/s=22 Qual=01 FePeak=04:14 FePeak.c/s=7 #Peaks=1 dt=7.7s  Mavelength=1375A Code=00 Exp #=72599 Rast=10"x10" Step=0" Pitch=+157.  D0Y=243 End times HaClass=SF S21E43 AR5131 Mac.=EKI Carr.Lon.=256deg Gat-1.02s  O7:08 07:09 CaPeak.c/s=23 Qual=01 FePeak=07:08 Rast=10"x10" Step=0" Pitch=+150"  D0Y=243 End times HaClass=SF S21E43 AR5131 Mac.=EKI Carr.Lon.=256deg Gat-1.02s  Wavelength=1375A Code=00 Exp #=72601 Rast=26"x0" Step=0" Pitch=+180"  D0Y=243 End times HaClass=SF S21E42 AR5131 Mac.=EKI Carr.Lon.=253deg  D0Y=243 SMM Pointing: S19E36 Peak=07:08 Rast=26"x0" Step=0" Pitch=+180"  D0Y=243 End times HaClass=SF S21E42 AR5131 Mac.=EKI Carr.Lon.=253deg  D0Y=243 End times HaClass=SF S21E42 AR5131 Mac.=EKI Carr.Lon.=253deg  D0Y=243 Far5 In Qual=01 Tot Cts=19642 Maxev=131 FePeaks=1 HaClass=SF S21E42 AR5131 Mac.=EKI S21E42 Haxev=131 FePeaks=13:55 Rast=25"x25" Step=0" Pitch=+172"  D0Y=243 Far5 In Qual=01 Tot Cts=19642 Rast=180"x1" Step=0" Pitch=+77"	ptick 30ES	04:01	04:05			S20E45 Oual=01	AR5131	Mac.=EKI	Carr.Lon.	=256deg	
DOY=243  Bacelong the light of times HaClass=SF S20E45  Mavelength=1375A Code=00 Exp #=72599 Rast=10"x10" Step=0" Pitch=+157" Peak HaClass=SF S20E45 AR5131 Mac.=EKI Carr.Lon.=256deg Cad=1.02s Mavelength=1375A Code=00 Exp #=72599 Rast=10"x10" Step=0" Cad=1.02s Peak HaClass=SF S21E43 AR5131 Mac.=EKI Carr.Lon.=256deg Cad=1.02s Mavelength=1375A Code=00 Exp #=72691 Rast=0"x10" Step=0" Pitch=+157" Peak Havelength=1375A Code=00 Exp #=72601 Rast=0"x10" Step=0" Pitch=+180" Cad=1.02s Maxev=131 Mac.=EKI Carr.Lon.=256deg Peak Colors Exp #=72601 Rast=0"x10" Step=0" Cad=1.02s Maxev=131 Mac.=EKI Carr.Lon.=25deg Peak Colors Exp #=72601 Rast=265"x265" Step=5" Pitch=+180 Peak Lon.=253deg Il3:55 Id:08 Importance=C5 Qual=01 Tot Cts=19642 Maxev=131 FePeaks=1 dt= 7.7s Rast=180"x1" Step=5" Pitch=+77" Peak Rast=180"x1" Step=5" Pitch=+77" Peak Rast=180"x1" Step=5" Pitch=+77" Peak Rast=180"x1" Step=5" Pitch=+77"	ပ္လြင္လ	04:06	04:06			Qual= 4	FePeak=04:06	FePeak.c/s=6 Rast=0"x0"		dt= 7.7s Cad=1.02s	XEN=824302 1.024s/pixel
= 21854 1,04:13	JVSP	ജ			Wavelength=1375A		Exp #=72599	Rast=10"x10"		Pitch=+157	", Yaw=+740"
04:13 04:19	vent 38/08/	# = 21854 30,04:13 Start	DOY=24 Peak	time							
04:14 04:18 CaPeak.c/s=22 Qual= 4 FePeak=04:14 FePeak.c/s=7 #Peaks=1 dt=7.7s  Mavelength=1375A Code=00 Exp #=72599 Rast=10"x10" Step=0" Cad=1.02s  D0Y=243 Peak	Optica Soft	ון 04 - 10	04-13	-	HaClass=SF	\$20E45	AR5131	Mac.=EKI	Carr.Lon.	=256deg	H.Ang≖52deg
DOY=243 Peak End times HaClass=SF S21E43 DOY=243  Peak End times  HaClass=SF S21E43 DOY=243  DOY=243  DOY=243  DOY=243  HaClass=SF S21E43 DOY=243  DOY=244  DOY=253deg  DOY=244  DOY=253deg  DOY=244  DOY=253deg  DOY=253deg  DOY=2541  DOY=253deg  DOY=2541  DOY=2541  DOY=253deg  DOY=2541  DOY=253deg  DOY=2541  DOY=253deg  DOY=2541  DOY=253deg  DOY=2541  DOY=253deg  DOY=2541  DOY=253deg  DOY=2541  DOY=2541  DOY=253deg  DOY=2541  DOY=2541  DOY=2541  DOY=2541  DOY=253deg  DOY=2541  D	SS	04:12		n 00	CaPeak.c/s=22	Qual = 4	FePeak=04:14	FePeak.c/s=7 Rast=0"x0"		dt= 7.7s Cad=1.02s	XEN=824303 1.024s/nixe1
DOY=243 Peak End times HaClass=SF S21E43 Peak O7:05 07:20	NSP JVSP	03:48			Wavelength=1375A		Exp #=72599	Rast=10"x10"		Pitch=+157	", Yaw=+740"
07:05 07:20	vent 38/08/	# = 21855 $30,07:05$	D0Y=2								
07:08 07:09 CaPeak.c/s=23 Qual= 4 FePeak=07:08 Rast=0.02s Step=0.	ptica	) ) ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (		07.20	HaClass=SF	S21E43	AR5131	Mac.=EKI	Carr.Lon.	=256deg	H.Ang=51deg
DOY=243 Wavelength=1375A Code=00 Exp #=72601 Rast=265"x265" Step=5" Cad=1.025  DOY=243 SMM Pointing: S19E36 Pitch=+191", Yaw=+635", Roll=-20deg  13:56	ဒ္ဓိသ္ဆန္	$\sim$	07:08 07:08	07:00	Capeak.c/s=23	Qual= 4	FePeak=07:08	FePeak.c/s=6		dt= 3.8s	XEN=824304
DOY=243 SMM Pointing: S19E36 Pitch=+191", Yaw=+635", Roll=-20deg Peak HaClass=SF S21E42 AR5131 Mac.=EKI Carr.Lon.=253deg 13:56 14:08 Importance=C5 Qual=01 Tot Cts=19642 MaxkeV=131 13:47:42 13:54:14 PeakC/s=211 Qual=1 FePeak=13:55 FePeak.c/s=44 #Peaks=1 dt= 7.7s 14:03 CaPeak.c/s=261 Qual=1 FePeak=13:55 Rast=25"x25" Step=5" Cad=25.6s Wavelength=2788A Code=02 Exp #=72607 Rast=180"x1" Step=0" Pitch=+72"	SSP.	$\sim$					Exp #=72601	Rast=265"x265"		Pitch=+180	", Yaw=+688"
Hac.=EKI   Carr.Lon.=253deg   13:56	Event 88/08/	# = 9390 '30, 13:56	D07=24		Pointing	S19E36		Pitch=+191", Yaw	=+635", Rol	]=-20deg	H.Ang=44deg
13:40 13:50 14:00 importance=C3	Optica	3tart 11 12.46	reak 12.5	10 com	HaClass=SF	\$21E42	AR5131	Mac.≖EKI	Carr.Lon.	=253deg	H.Ang=50deg
Rast=25"X25" Step=5" Lad=25.0s 13:58   Wavelength=2788A Code=02 Exp #=72607 Rast=180"x1" Step=0" Pitch=+72"	HXRBS BCS BCS	13:44:4 13:45	13:47: 13:57	13:54:14 14:03	importance-co Peakc/s=211 CaPeak.c/s=261	Qual=01 Qual= 1	Tot Cts=19642 FePeak=13:55	MaxkeV=131 FePeak.c/s=44	#Peaks=1	dt= 7.7s	XEN=824305
	WSP WSP	13:			Wavelength=2788A		Exp #=72607	Rast=180"x1"	Step=0"	pitch=+72"	1.0245/p1xe1, Yaw=+562"

17.47   18.19	vent # 8/08/30 S	Event # = 21856 88/08/30,17:47 Start	D0Y=243 Peak	End times							
17.49   18.15   Gabeak C/S=330 Qual=3   FePeak=17.48   Rast=25% %28   Fepeak (-)/S=46   Fepak=4   Fepak=4   Fepak=4   Fepak=4   Gad=25 &	(g	·	17:47	8:09		\$21 <b>E4</b> 0 0ual=05	AR5131	Mac.=EKI	Carr. Lon.	=253deg	H.Ang≃48deg
DOY=243			17:49	8:15		Qual= 5	FePeak=17:48	FePeak.c/s=46		dt= 3.8s	XEN=824306
DOY=243   End times		_4	64.71		(e)	Code=00		Rast=180"x1"		Pitch=+83",	1.0245/pixer Yaw=+539"
18:14:00   18:15:40	Event # 88/08/30	1	-		Ξ	S19E34		Pitch=+201", Yaw	=+615", Rol	]=-20deg	H.Ang=43deg
18:14:00 18:15:40 PeakC/s=187 Qual=01 Tot Cts=738 Haxkev=71 Step=0" Pitch=+86"   D0V=243	ptical		n g	End times	Class=SF	N18W78	AR5115	Mac.=DS0	Carr. Lon.	=11deg	H.Ang≃76deg
DOY=243 End times Peak End times Pea	XRBS 1. VSP 1.	8:12:54 3:40	18	18:15:4	c/s=187 ength=2788A	Qual=01	Tot Cts=738 Exp #=72613	×1	Step=0"	Pitch=+86",	.Yaw=+532"
7:13 21:15:18 Peak.c./s=224 Qual=01 Tot Cts=1036 MaxkeV=131 FePeak.c/s=6 #Peaks=1 dt= 7.7s	vent # 8/08/30		4		1	S19E33		Pitch=+210", Yaw	=+595", Rol	]=-20deg	H.Ang≈41deg
Mavelength=27884   Exp #=72616   Rast=180"x1"   Step=0"   Lad=1.02s	OES 2 XRBS 2 CS 2		m <del>::</del> m	End times 21:25 21:15:18 21:17		Qual=01 Qual=01 Qual= 4	Tot Cts=1036 FePeak=21:14	MaxkeV=131 FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=824307
BOY=244         BR/08/31         DOY=244         Pitch=+238", Yaw=+535", Roll=-20deg           Peak         End times         HaClass=IF         N22E06         AR5128         Mac.=EAI         Carr.Lon.=281deg           04:59:17 04:59:53         Peakc/s=75         Qual=06         Exp #=72629         Rast=10"x10"         Step=0"         Pitch=+192           Type/Intensity:         111/1         SMM Pointing:         S19E28         Rast=10"x10"         Step=0"         Pitch=+192           DOY=244         SMM Pointing:         S19E28         Pitch=+238", Yaw=+535", Roll=-20deg         Pitch=+192           DOY=244         SMM Pointing:         S19E28         Pitch=+238", Yaw=+535", Roll=-20deg           Peak         End times         Pack:C/s=68         Qual=01         Tot Cts=1806         Maxeve/=71         Step=0"         Pitch=+192           DOY=244         Pack:C/s=68         Qual=01         Tot Cts=1806         Maxeve/=71         Step=0"         Pitch=+192           DOY=244         Wavelength=1375A         CaPeakC/s=68         Qual=01         Tot Cts=1806         Rast=10"x10"         Step=0"         Pitch=+192           Box=244         Exp #=72629         Rast=10"x10"         Step=0"         Pitch=+192		4:			(a)		Exp #=72616	Kast=U~xU~ Rast=180"x1"	Step=0" Step=0"	cad=1.02s Pitch=+92",	1.024s/plxel Yaw=+519"
DOY=244         SMM Pointing:         S19E28         Pitch=+238", Yaw=+535", Roll=-20deg           Peak         End times         HaClass=1F         N22E06         AR5128         Mac.=EAI         Carr.Lon.=281deg           04:59:17 04:59:53         Peakc/s=75         Qual=06         Tot Cts=428         Mac.=EAI         Carr.Lon.=281deg           Type/Intensity:         III/1         Exp #=72629         Rast=10"x10"         Step=0"         Pitch=+192           Cy(MHz)/Flux(sfu):         111/1         Step=0"         Pitch=+192           DOY=244         SMM Pointing:         S19E28         Pitch=+238", Yaw=+535", Roll=-20deg           Peak         Febak         Pitch=+238", Yaw=+535", Roll=-20deg           DOY=244         PaClass=1F         N22E06         AR5128         Mac.=EAI         Carr.Lon.=281deg           05:09:23 05:11:22         PeakC/s=68         Qual=01         Tot Cts=1806         MaxkeV=71         Step=0"         Pitch=+192           DOY=244         Wavelength=1375A         Cade=00         Exp #=72629         Rast=10"x10"         Step=0"         Pitch=+192           Peak         End times         Qual=00         Exp #=72629         Rast=10"x10"         Step=0"         Pitch=+192           Mavelength=1375A         Exp #=72629						88/08/3					
DOY=244  DOY=244  DOY=244  DOY=244  DOY=244  DOY=244  Baxelength=1375A  Gual=00  O4:59:17 04:59:53  Februaria Cina - Class=1F	vent # 8/08/31		D0Y=244		N N N	S19E28		Pitch=+238",Yaw	=+535", Rol	1=-20deg	H.Ang=38deg
Obv	ptical		T C C C C C C C C C C C C C C C C C C C		HaClass=1F	N22E06	AR5128	Mac.=EAI	Carr.Lon.	=281deg	H.Ang=16deg
DOY=244	XRBS 0 VSP 0 adio Sw	4:58:44 4:53 eeps Frequenc	04:59:17 Type/II :y(MHz)/F	m	c/s=75 ength=1375A 90	Qual=01	Tot Cts=428 Exp #=72629	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+192"	', Yaw=+425"
D0Y=244  D0Y=244  End times  Qual=00  05:32  O5:32  O5:43  CarClass=1F  M22E06  AR5128  Mac.=EAI  Carr.Lon.=281deg  MaxkeV=71  Maxelength=1375A  Qual=01  Tot Cts=1806  MaxkeV=71  Rast=10"x10"  Step=0"  Qual=00  O5:32  O5:43  CaPeak.c/s=69  Qual= 1375A  Exp #=72629  Rast=0"x0"  Step=0"  Step=0"  Pitch=+192  Rast=0"x0"  Step=0"  Pitch=+192	vent # 8/08/31	1	DOY=244	96.	Pointing	S19E28		Pitch=+238", Yaw	=+535", Rol	]=-20deg	H.Ang=38deg
75.732 05:09:23 05:11:22	ptical		reak 05-11	ב ב ב	Class=1F	N22E06	AR5128	Mac.=EAI	Carr.Lon.	=281deg	H.Ang=16deg
# = 21857 31,05:32 DOY=244 Start Peak End times Start Peak End times 05:29 05:32 05:43 CaPeak.c/s=69 Qual= 1 FePeak=05:31 FePeak.c/s=14 #Peaks=1 dt= 3.8s 05:29 05:32 05:43 CaPeak.c/s=69 Qual= 1 FePeak=05:31 FePeak.c/s=14 #Peaks=1 dt= 3.8s 04:53 Wavelength=1375A Exp #=72629 Rast=10"x10" Step=0" Pitch=+192	XRBS 0		05:09	05:11	cance-c4 c/s=68 ength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=1806 Exp #=72629	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+192"	', Yaw=+425"
Qual=00 05:29 05:32 05:43 CaPeak.c/s=69 Qual=1 FePeak=05:31 FePeak.c/s=14 #Peaks=1 dt=3.8s Rast=0"x0" Step=0" Cad=1.02s 04:53 Wavelength=1375A Exp #=72629 Rast=10"x10" Step=0" Pitch=+192	vent # 8/08/31 S	= 21857 ,05:32 tart	D0Y=244 Peak	End times							
04:53 Wavelength=1375A Exp #=72629 Rast=10"x10" Step=0" Pitch=+192		5:29	5:3	05:43		Qual=00 Qual= 1	FePeak=05:31	FePeak.c/s=14 Rast=0"x0"	#Peaks=1 Sten=0"		XEN=824400
		4:53			Wavelength=1375A		Exp #=72629	Rast=10"x10"	Step=0"		, Yaw=+425"

Second Second	3×# 3×#	= 21858 1,09:48 Start	D0Y=244 Peak	End times							
00-244 End times   Havelength-1375A   Exp #=72643   Rasi=266", Yaw=467", Roll=-20deg		9:48	09:48	09:60	CaPeak.c/s=19	Qual=00 Qual= 5	FePeak=09:48	FePeak.c/s=7	#Peaks=1 S+en=0"	dt= 7.7s	XEN=824401
07=244 End times	UVSP	9:46			elength=137		Exp #=72643	2	Step=5"	Pitch=+390	", Yaw=-396"
4:29.12 [4:19:12] Peak(/s=6] Qual=01	Event # 88/08/31	= 9395 , 14:20	DOY=24		SE SE	S19E23		Pitch=+266", Yaw	/=+467", Ro1	]=-20deg	H.Ang=34deg
07=244 End times Havelength=2788A	GOES 1 HXRBS 1 UVSP 1	4:18:43 4:03	14:20 14:19					MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+145	", Yaw=+399"
4:32:50 14:33:00 Peak(\$-55 Qual=0] Tot Cts=101 PaxkeV=71 Pitch=+145 Peak	Event # 88/08/31	= 9396 , 14:32	D0Y=244	4	SMR	\$19E23		Pitch=+266", Yaw	/=+467", Ro1	1=-20deg	H.Ang≖34deg
18:12   18:23	GOES 1 HXRBS 1 UVSP 1 Radio	4:30 4:32:39 4:03 Frequent	redk 14:32 14:32:50 cy (MHz)/F		Importance=Cl Peakc/s=55 Wavelength=2788A 245/240	Qual=01 Qual=01	Tot Cts=101 Exp #=72657	×ıx	Step=0"	Pitch=+145	", Үаw=+399"
18:12	Event # 88/08/31 S	= 21859 ,18:12 tart		End times	<u> </u>	701000					
18:12 18:14 CaPeak.c/s=29 Qual= 2 FePeak=18:11 FePeak.c/s=7 #Peaks=1 dt= 7.75  Wavelength=2788A Code=00 Exp #=72662 Rast=180"x1" Step=0" Cad=.00s  D0Y=244 End times  D0Y=2450 FoPeak.c/s=81 Qual=01 FePeak.c/s=21 #PePeak.c/s=21 #PePeak.	optical 30ES 1	8:04	∞	8:2	HaClass=sr Importance=Cl	0ual=03	AK5131	Mac.=EKL	carr.Lon.	=254deg	H.Ang=39deg
DOY=244 End times	ავა <u>გ</u> ეკა	80:8	∞	8:1	CaPeak.c/s=29		FePeak=18:11 Fxn #=72662	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Sten=0"	dt= 7.7s Cad=.00s Pitch=+158	XEN=824402 33.02s/pixel "Yaw=+369"
DOY=244 End times  20:27:19 20:28:58 Peakc/s=80 Qual=01  DOY=244 End times  DOY=244 End times  21:01:07 21:01:02 Peak  DOY=244 End times  DOY=244 End times  21:01:07 21:01:02 Peak  DOY=244 End times  DOY=241:13	' i	3							) )		
20:27:19 20:28:58 Peakc/s=80 Qual=01 Tot Cts=3769 MaxkeV=162  BOY=244 SMM Pointing: S19E19  DOY=244 End times 21:01:07 21:01:22 Peakc/s=80 Qual=01 Tot Cts=778 MaxkeV=71  Mavelength=2788A End times  DOY=244 SMM Pointing: S19E19  DOY=244 SASIII Qual=01 Tot Cts=917  DOY=240 Step=10" Pitch=+165  DOY=240 Step=10" Pitch=+165  DOY=240 Step=10" Pitch=+165  DOY=240 Step=10" Pitch=+165  DOY=244 SASIII Qual=01 Tot Cts=917  DOY=240 Step=10" Pitch=+165  DOY=240 Step=10 STEP=10  DOY=240 STEP=100 STEP=100	vent # 38/08/31 S	= 9397 ,20:27 tart	D0Y=244 Peak	End times	1	\$19619		Pitch=+286", Yaw	=+422", Rol	1=-20deg	H.Ang=32deg
DOY=244 End times Importance=C1 Qual=01	SOES TXRBS 2 JVSP 2	0:25:27 0:18	20:27		Peakc/s=80 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=3769 Exp #=72665	MaxkeV=162 Rast=180"x1"	Step=0"	Pitch=+165	", Yaw=+353"
DOY=244  DOY=244  End times  21:12:02  21:12:02  21:13:22  England 1	vent # 38/08/31	= 9398 ,21:02	00Y=244	Cod + imag		S19E19		Pitch=+286", Yaw	+422", Rol	1=-20deg	H.Ang=32deg
DOY=244 SMM Pointing: S19E19 Pitch=+286", Yaw=+422", Roll=-20deg Peak End times HaClass=SF S15E25 AR5131 Mac.=EKC Carr.Lon.=253deg 21:15 21:25 Importance=C2 Qual=03 21:12:02 21:12:16 PeakC/s=111 Qual=01 Tot Cts=917 MaxkeV=71 21:13 21:22 CaPeak.C/s=81 Qual= 1 FePeak=21:12 FePeak.C/s=21 #Peaks=1 dt= 7.7s Peak3C/s=44 Rayelength=2788A Code=02 Exp #=72666 Rast=180"x1" Step=0" Pitch=+168	SOES 2 TXRBS 2 JVSP 2	0:59 1:00:27 1:16	21:02 21:01:07	21:09 21:01:22	Importance=Cl Peakc/s=80 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=778 Exp #=72666	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+168	", Yaw=+345"
21:15	went # 38/08/31	= 9399 ,21:15	DOY=244	End +imps		S19E19		Pitch=+286", Yaw	=+422", Rol	1=-20deg	H.Ang=32deg
21:11:35 21:12:02 21:12:16	optical 2	. 00	7 cun	21.25	HaClass=SF	\$15E25	AR5131	Mac.=EKC	Carr.Lon.	=253deg	H.Ang≖33deg
	AXRBS 2 SCS 2 TCS 2 JVSP 2		21:12	21:12:16 21:22	Peak(S=111 CaPeakc/s=111 Peak3c/s=81 Wavelength=2788A	Qual=01 Qual= 1 Code=02	Tot Cts=917 FePeak=21:12 Exp #=72666	MaxkeV=71 FePeak.c/s=21 Rast=240"x240" Rast=180"x1"		dt= 7.7s Cad= 590s Pitch=+168	XEN=824403 1.024s/pixel ',Yaw=+345"

Event 88/08/	t # = 9400 8/31,23:44	D0Y=244		SMM Pointing:	S19E18		Pitch=+296", Yaw=+400", Roll=-20deg	-+400", Roll	1=-20deg	H.Ang=31deg
GOES HXRBS UVSP	23:44:30 23:26	reak 23:44:42	23:45:45	Peakc/s=55 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=201 Exp #=72669	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+174",Yaw≖+329"	', Yaw=+329"
					88/09/01	1 D0Y=245				
Event 88/09/0	Event # = 9402 38/09/01,02:51	D0Y=245	•	SMM Pointing:	S19E16		Pitch=+306",Yaw=	, Yaw=+373", Roll	, Roll=-20deg	H.Ang=30deg
Optica	ordri 10 10	reak I	בוות רוווופא	HaClass=SF	\$21E17	AR5131	Mac.=EKC	Carr.Lon.=258deg	=258deg	H.Ang≖33deg
GOES HXRBS BCS 600	72:52:43 72:52:43 72:50	02:51 02:52:57 02:50	02:53:25 02:53:25 02:52	₫	qual=01 Qual=01 Qual= 1	Tot Cts=1716 FePeak=02:50	MaxkeV=131 FePeak.c/s=11	#Peaks=1	dt= 7.7s X Cad= Egge 1	XEN=824500
VSP WSP	12:49			reaksc/s=co Wavelength=1375A	Code=00	Exp #=72674			Pitch=+350"	', Yaw=+389"
. 28 . 25	02:53	02:53 02:54	02:54	CaPeak.c/s=20 Peak3c/s=14	Associated Qual= 1	Event # = 2031/ FePeak=02:53	FePeak.c/s=8 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s Cad= 590s	xEN=824501 1.024s/pixel
HXRBS UVSP	02:48:35 02:45	02:48:46	02:50:19		Associated Qual=01 5A	Event # = 9401 Tot Cts=1455 Exp #=72673	MaxkeV=71 Rast=265"x265"		Pitch=+313"	', Yaw=+387"
Event # 88/09/0 Optical	= 2 1,07 Star	Pea	d times		\$21 <u>E</u> 16	AR5131	Mac.=EKC	Carr.Lon.=256deg	=256deg	H.Ang≈32deg
GOES BCS FCS UVSP	07:36 07:38 07:39	07:38 07:38 07:39	07:4/ 07:41	Importance=L1 CaPeak.c/s=26 Peak3c/s=14 Wavelength=1375A	Qual=5 Qual= 5 Code=02	FePeak=07:38 Exp #=72697	FePeak.c/s=7 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 7.7s ) Cad= 262s ] Pitch=+340",	XEN=824502 1.024s/pixel ",Yaw=+412"
Event 88/09/	# = 9403 01,09:49	D0Y=245		SMM Pointing:	S19E13		Pitch=+325", Yaw=+326"	=+326", Rol	, Roll=-20deg	H.Ang=29deg
GOES HXRBS UVSP	Start 09:47 5 09:47:44 09:10	Peak 09:49 09:47:56	End times 09:52 09:48:24	Importance=Cl Peakc/s=90 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=607 Exp #=72702	MaxkeV=71 Rast=243"x243"	Step=3"	Pitch=+333"	", Yaw=+337"
Event 88/09/	# = 9404 $01, 17:25$	D0Y=245		SMM Pointing:	S05W00		Pitch=+191", Yaw	, Yaw=+62", Roll:	, Roll=-20deg	H.Ang=12deg
GOES HXRBS UVSP	Start 17:24 5 17:25:33 17:01	reak 17:25 17:25:52	End Cimes 17:27 17:26:02	Importance=B9 Peakc/s=60 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=334 Exp #=72722	MaxkeV=71 Rast=200"x200"	Step=5"	Pitch=+231	Pitch=+231",Yaw=+105"
Event 88/09/	t # = 9405 9/01,18:49 Start	00Y=245	Fnd times	SMM Pointing:	S05W01		Pitch=+196", Yaw=+48"	=+48", Roll:	, Roll=-20deg	H.Ang=12deg
Optical	19.22		36	HaClass=SF	N21W11	AR5128		Carr.Lon.=277deg	=277deg	H.Ang=17deg
HXRBS UVSP Radio	18:36:36 18:35 Sweeps	28	18:45:02 ntensity:	Peakc/s=61 Wavelength=1375A II/2	Qual=01 Code=00	Tot Cts=2697 Exp #=72724	MaxkeV=71 Rast=200"x200"	Step=5"	Pitch=+236"	", Yaw=+92"

29 20:51:35 6 End time 05:49 07 10:42:33 07 10:42:33 07 10:42:33 07 10:42:33 14:05 6 End time 14:05 6 End time 15:20:33 14 15:20:33 51 22:48:27 7 End time 22:53 7 End time 22:53	Event # = 9406 88/09/01,20:54 DOY=245 Start Peak	Fnd +impe	SMM Pointing:	S19E07		Pitch=+358", Yaw	, Yaw=+240", Roll	, Roll=-20deg	H.Ang=27deg
End times		21:00 20:51:35 lux(sfu):	Importance=C6 Peakc/s=209 Wavelength=1375A 1415/90 15400/64	Qual=02 Qual=01 Code=00	Tot Cts=1163 Exp #=72732	MaxkeV=131 Rast=10"x10"	Step=0"	Pitch=+346'	, Yaw=+119"
End times				70/60/88					
End times   SMM Pointing:   S19W01	DOY=246 Peak OS:47 O5:46 O5:46	mes	8 <b>8</b>	Qual=01 Qual= 1	FePeak=05:46 Exp #=72760	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	ĀA	XEN=824600 1.024s/pixel ', Yaw=+88"
Figure   F	-		1	S19W01		Pitch=+400", Yaw	=+126", Roll	=-20deg	H.Ang=26deg
End times	ak :41 :41:07	times 43 42:33	Importance=Cl Peakc/s=64 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=429 Exp #=72763	MaxkeV=71 Rast=180"x1"	Flags=I Step=0"	Pitch=+282'	, Yaw=+50"
End times  SMM Pointing:  SMM Pointi		1 1	Pointing	N56W00		Pitch=-717", Yaw	=-2", Roll=C	deg	H.Ang=49deg
End times HaClass=SF S22W04 AR5131 Mac.=EKI Carr.Lon.=259deg H AClass=SF Gual=01 Tot Cts=5413 MaxkeV=71 Carr.Lon.=259deg H AClass=SF Qual=01 Tot Cts=5413 MaxkeV=71 Carr.Lon.=259deg H AClass=SF Gual=01 Tot Cts=5413 MaxkeV=71 Carr.Lon.=259deg H AClass=SF Gual=01 Tot Cts=5413 MaxkeV=71 Carr.Lon.=259deg H AClass=SF Gual=01 Tot Cts=5413 MaxkeV=71 Carr.Lon.=259deg H Gual=01 Tot Cts=382 MaxkeV=71 Carr.Lon.=259deg H Garr.Class=SF Gual=01 Tot Cts=382 Carr.Class=SF Code=00 Exp #=72781 Carr.Class=SF Code=00 Exp #=72822 Carr.Class=SF Code=00 Exp #=72822 Carr.Class=SF Code=00 Exp #=72822 Carr.Class=SF Code=00 Exp #=72823 Carr.Class=SF Code=00 Exp #=72823 Carr.Class=SF Code=00 Exp #=72839 Carr.Class=SF Code	2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Importance=87 Peakc/s=74 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=387 Exp #=72774	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=-713'	, Yaw=+13"
15:20:33	1Y=246	1	1	N37E19		Pitch=-481", Yaw	=+245", Roll	=0deg	H.Ang=35deg
### 15:20:33   Importance=C2   Qual=01   Tot Cts=5413   MaxkeV=71   ### Peakc/s=142   Qual=01   Tot Cts=5413   MaxkeV=71   ### Pointing:    End times	edk הייז	<u> </u>		\$22W04	AR5131	Mac.=EKI	Carr.Lon.	-259deg	H.Ang=29deg
End times 22:53 Importance=C1 Qual=01 Aavelength=1375A Code=00 Exp #=72822 End times 22:53 MaxkeV=71 Mavelength=1375A Code=00 Exp #=72822  SMM Pointing: S17W06 End times Qual=00 Qual=01 Tot Cts=382 MaxkeV=71 Rate265"x265" Step=5" Pitch=+487" Pitch=+397", Yaw=+47", Roll=-20deg Qual=01 Tot Cts=88 MaxkeV=71 Mavelength=1375A Exp #=72839 Rast=265"x265" Step=5" Pitch=+487"	.:	5:20:3 5:20:3	2 75A		Tot Cts=5413 Exp #=72781	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=-473'	, Yaw=+253"
22:53 Importance=C1 Qual=01 Tot Cts=382 MaxkeV=71 Wavelength=1375A Code=00 Exp #=72822 Rast=265"x265" Step=5" Pitch=+487"  88/09/03 D0Y=247  Find times Oual=00  Qual=01 Tot Cts=382 MaxkeV=71  88/09/03 D0Y=247  Pitch=+397", Yaw=+47", Roll=-20deg  Qual=00  Qual=00  Exp #=72828 MaxkeV=71  Pitch=+397", Yaw=+47", Roll=-20deg  Rast=265"x265" Step=5" Pitch=+487"	_	+	1			Pitch=+478", Yaw	954", Roll	l=0deg	
88/09/03 D0Y=247  End times  Qual=00  03 01:46:09 Peakc/s=57 Qual=01 Tot Cts=88 Rast=265"x265" Step=5" Pitch=+405"		:53 :48:27	Importance=C1 Peakc/s=52 Wavelength=1375A		Tot Cts=382 Exp #=72822	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=+487'	', Yaw=-947"
17				88/09/0					
Oual=00 :03 01:46:09 Peakc/s=57 Qual=01 Tot Cts=88 MaxkeV=71 Wavelength=1375A Exp #=72839 Rast=265"x265" Step=5"	Y=247	 +		S17W06		Pitch=+397",Yaw	=+47",Roll=	20deg	H.Ang=25deg
	01:46:03	01:46	Peakc/s=57 Wavelength=1375A		Tot Cts=88 Exp #=72839	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=+405	', Yaw=+59"

Event 88/09/	# = 21862 03,02:23				***************************************					
GOES	Start 60ES 02:18 BCS 02:22	Peak 02:23 02:23	End times 02:32 02:25	Importance=Cl CaPeak.c/s=20	Qua]=01 Qua]= 4	FePeak=02:22	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=824700
UVSP	02:24			Wavelength=1375A	Code=02	Exp #=72845	Kast=U"xU" Rast=265"x265"	Step=0" Step=5"	Cad=.00s 3. Pitch=+407",	33.02s/p1xel ",Yaw=+54"
Event 88/09/	: # = 9411 9/03,05:34 Start	D0Y=247 Peak	End times		S17W08		Pitch=+408", Yaw=+16"	=+16", Roll	, Roll=-20deg	H.Ang=25deg
Optica GOES HXRBS BCS	05:27 05:29:05 05:30	05:34 05:29:29 05:33	05:37 05:29:54 05:36	HaClass=SF Importance=C3 Peakc/s=147 CaPeak.c/s=68	\$21¥14 Qual=01 Qual=01 Qual=1	AR5131 Tot Cts=1158 FePeak=05:33	Mac.=EKI MaxkeV=101 FePeak.c/s=18	Carr.Lon.=261deg #Poaks=2 dt= 7	7د	H.Ang=31deg XFN=824701
FCS	05:39	05:30		Peak3c/s=41 Wavelength=2788A	Code=02		Rast=240"x240" Rast=180"x1"		d= 590s tch=+288	.024s/pixel Yaw=+199"
HXRBS	05:31:53	05:32:45	05:33:42	Peakc/s=98	Qual=01		MaxkeV=71	1 1 1 1	1 1 1 1 1	† 1 1 1 1
Event 88/09/	# = 9413 '03,05:39	D0Y=247	É	SMM Pointing:	S17W08		Pitch=+408", Yaw	", Yaw=+16", Roll	, Roll=-20deg	H.Ang=25deg
GOES HXRBS BCS	GOES 05:37 HXRBS 05:37:36 BCS 05:38	05:38:37 05:38:37 05:39	05:44 05:39:08 05:41	Importance=C1 Peakc/s=63 CaPeak.c/s=23	Qual=01 Qual=01 Qual= 4	Tot Cts=503 FePeak=05:38	MaxkeV=71 FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=824702
UVSP	05:39	03:40		reak3c/s=21 Wavelength=2788A	Code=02	Exp #=72848	Kast=240"x240" Rast=180"x1"	Step=10" Step=0"		1.024s/pixe! ",Yaw=+199"
Event 88/09/	t # = 9414 3/03,07:08 Start	D0Y=247 Peak	End times	SMM Pointing:	S17W09		Pitch=+411", Yaw	', Yaw=+6", Roll=-20deg	-20deg	H.Ang=26deg
GOES HXRBS UVSP	07:04:08 07:13	07:08:12	07:17:11	Peakc/s=90 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=9588 Exp #=72849	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+292"	', Yaw=+186"
Event 88/09/ GOES BCS FCS UVSP	# = 21863 3/03,08:54 Start 08:43 08:52	DOY=247 Peak 08:54 08:52 08:52	End times 09:10 08:53	Importance=C2 CaPeak.c/s=20 Peak3c/s=15 Wavelength=2788A	Qual=03 Qual= 2 Code=00	FePeak=08:52 Exp #=72850	FePeak.c/s=6 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=+297",	XEN=824703 1.024s/pixel ", Yaw=+173"
Event 88/09/	t # = 9418 9/03,13:22 Start	D0Y=247 Peak	End times		N33E76		Pitch=-727", Yaw	, Yaw=+560", Rol	, Roll=-20deg	H.Ang=74deg
Optica GOES	1 13:15	13:22	Ş.			AR5131	Mac.=EKI	Carr.Lon.=257deg	=257deg	H.Ang=32deg
HXRBS UVSP	13:17:15 13:20	13:19:21	13:21:04	75A	Qual=01 Code=00	Tot Cts=2928 Exp #=72858	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch≖-721"	', Yaw=+580"

,Roll=-20deg H.Ang=28deg	Carr.Lon.=255deg H.Ang=32deg	dt= 7.7s Cad= 590s			11=-20deg H.Ang=34deg	Pitch=+526",Yaw=-140"	, Roll=-20deg H.Ang=37deg	Pitch=+580",Yaw=-300"	-20deg H.Ang=40deg	dt= 7.7s XEN=824800 Cad= 590s 1.024s/pixel Pitch=+591", Yaw=-333"	11=-20deg H.Ang=40deg	Pitch=+591",Yaw=-333"	,Roll=-20deg H.Ang=40deg	Pitch=+559",Yaw=-253"	1]=-20deg H.Ang=40deg	
, Yaw=-68"	Carr.Lon	s=17 #Peaks=1 c240" Step=10"			Pitch=+518",Yaw=-152",Roll=-20deg	<243" Step=3"	, Yaw=-210"	1 x10" Step=0"	Pitch=+551",Yaw=-263",Roll=-20deg	s=8 #Peaks=1 <240" Step=10" 10" Step=0"	l", Yaw=-263", Roll=-20deg	10" Step=0"	, Yaw=-263"	x265" Step=5"	1", Yaw=-263", Roll=-20deg	
Pitch=+437"	Mac.=EKI	MaxkeV=71 9 FePeak.c/s=17 Rast=240"x240"	Rast=10"x1		Pitch=+518	MaxkeV=71 Rast=243"x243"	Pitch=+536"	MaxkeV=7 Rast=10"	Pitch=+551	MaxkeV=71 8 FePeak.c/s=8 Rast=240"x240" Rast=10"x10"	Pitch=+551"	MaxkeV=71 Rast=10"x10"	Pitch=+551"	MaxkeV=71 Rast=265"x265"	Pitch=+551"	MaxkeV=71
	AR5131	11	10 Exp #=72871	//04 D0Y=248		11 Tot Cts=250 10 Exp #=72933		00 11 Tot Cts=219 Exp #=72946		11 Tot Cts=818 11 FePeak=18:38 10 Exp #=72970		)1 Tot Cts=373 )0 Exp #=72970		)1 Tot Cts=154 )0 Exp #=72971		)] )] Tot Cts=511
S17W14		Qual=01 Qual=01 Qual= 1	75A Code=00	88/09/04	S20W21	Qual=01 Qual=01 88A Code=00	S20W25	Qual=00 Qual=01 75A	S20W29	Qual=01 Qual=01 Qual= 1 75A Code=00	S20W29	Qual=01 1 Qual=01 75A Code=00	S20W29	Qual=01 Qual=01 75A Code=00	S20W29	Qual=01 Qual=01
SMM Pointing:	HaClass=SF	Importance=Cl Peakc/s=94 CaPeak.c/s=34 Peak3.c/s=22	Wavelength=1375A		SMM Pointing:	Importance=C1 Peakc/s=61 Wavelength=2788A	SMM Pointing:	Peakc/s=56 Wavelength=1375A	SMM Pointing:	Importance=Cl Peakc/s=61 CaPeak.c/s=29 Peak3c/s=37 Wavelength=1375A	SMM Pointing:	Importance=C2 Peakc/s=101 Wavelength=1375A	SMM Pointing:	Importance=C2 Peakc/s=55 Wavelength=1375A	SMM Pointing:	Importance=C2 Peakc/s=58
:	g (	16:20 16:18:27 16:27			Ē	06:43 06:43	odni+ ball	13:5	1	End Lilles 18:43 18:37:24 19:07		End times 18:45 '18:44:54		End times 18:48 : 18:46:05	4	18:54 18:48:37
D0Y=247	Peak	16:18 ' 16:17:35 16:19 16:19	7.0		D0Y=248	06:45 06:43:34	D0Y=248			764K 18:38 18:36:05 18:57	1	Peak 18:44 2 18:44:47	1	Peak 18:46 ) 18:45:52	1	reak 18:49 ) 18:48:19
# = 9415 /03,16:18	Start	16:14 16:17:17 16:19	16:11		# = 9416 /04,06:45	5.06:42 06:42 06:43:10 05:56	t # = 9417 9/04,13:50	3:49:45 13:50	# = 9419 /04, 18:38	3.tant 18:29 3.18:35:47 18:36	# = 9420 /04,18:44	Start 18:43 5 18:44:32 18:31	*0	Start 18:45 18:45:40 18:45	-	Start 18:48 18:47:30
Event # = 88/09/03,	Optica	GOES HXRBS BCS BCS	UVSP		Event 88/09/	GOES HXRBS UVSP	Event 88/09/	GOES HXRBS UVSP	Event 88/09/	GOES HXRBS BCS FCS UVSP	Event 88/09/	GOES HXRBS UVSP	Event 88/09/	GOES HXRBS UVSP	Event 88/09/	GOES HXRBS

# +4677	13016				88/09/05	5 D0Y=249				
88/09/05,15:39 Start Start	15:39 art	D0Y=249 Peak	End times	10 c C C	CIBUAN	AD5131	74 74 74	sobstant on med	#255ded	nah2A=nah H
_	3.26	u			0:10 = 03	101044	ומנייבאו	. LOI!	-course	וויים וא שלה
8CS 14	4:45	15:39	15:42	Capeak.c/s=70	Qual= 1	FePeak=15:37	FePeak.c/s=12	#Peaks=2	dt= 7.7s	XEN=824900
	15:36	n		FeaksC/S-2/ Wavelength=2788A	Code=00	Exp #=73018	Rast=180"x1"			", Yaw=-220"
Event # = 21865 88/09/05,17:09		D0Y=249								
	Start 17:00	Peak 17:09	End times 17:20	Importance=Cl	Qua]=03	00.00			, ,	
ECS 1/ ECS 1/ UVSP 17		17:09 17:12	71:77	careak.c/s=19 Peak3c/s=16 Wavelength=2788A	Qual= 4 Code=02	FePeak=1/:09 Exp #=73020	rereak.c/s=b Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	<pre>at= /./s Cad= 590s Pitch=+471"</pre>	xen=824901 1.024s/pixel ",Yaw=-230"
Event # = 88/09/05	9423	DOY=249		SMM Pointing:	S20W42		Pitch=+593".Yaw	. Yaw=-421". Roll=-20ded	]=-20dea	H.Ana=50dea
\$ (2) (2) St			End times		!					6
GOES 18:08 HXRBS 18:11:58 BCS 18:14		18:35 18:12:44 18:34	19:23 18:17:10 18:50	Importance=C4 Peakc/s=66 CaPeak.c/s=148	Qual=03 Qual=01 Qual= 1	Tot Cts=2235 FePeak=18:33	MaxkeV=71 FePeak.c/s=24	#Peaks=1	dt= 7.7s X	XEN=824902
UVSP 18	.45	10:23		Wavelength=2788A		Exp #=73022	Rast=180"x1"			", Yaw=-240"
					90/60/88	6 D0Y=250				
Event # = 9424 88/09/06,00:18		DOY=250		SMM Pointing:	S20W45		Pitch=+601", Yaw	,Yaw=-451",Rol	, Roll=-20deg	H.Ang≃52deg
Optical		7 cak	C E	HaClass=SF	\$18W51	AR5131	Mac.=EKI	Carr.Lon.≈261deg	≖261deg	H.Ang=56deg
HXRBS 00	00:15:03 00:03	00:16:28	00:17:01	Peakc/s=105 Wavelength=2788A	Qual=01 Code=01	Tot Cts=1248 Exp #=73027	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+481	Pitch=+481",Yaw=-272"
Event # = 9425 88/09/06,00:30	1	DOY=250	- Pag	SMM Pointing:	S20W45		Pitch=+601", Yaw	, Yaw=-451", Rol	, Roll=-20deg	H.Ang=52deg
GOES HXRBS OC UVSP OC		00:30:06		Peakc/s=52 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=65 Exp #=73027	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+481",	", Yaw=-272"
Event # = 9426 88/09/06,14:37	1	DOY=250	End times	SMM Pointing:	S20W52		Pitch=+617", Yaw	, Yaw=-530", Roll=-20deg	]=-20deg	H.Ang=59deg
GOES HXRBS 14 UVSP 15		14:37:38	14:3	Peakc/s=74 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=482 Exp #=73074	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+498",Yaw=-354	", Yaw=-354"
				Seminary to the second of the seminary of the seminary makes						

start 14:51 14:50:43 15:07 # = 9428 (06,15:52 Start	<del>K</del>		. F						,
[	4	פ ל	HaClass=SF	S19W60	AR5131	Mac.=EKI	Carr.Lon.=262deg	=262deg	H.Ang≖65deg
I	4:51:01	15:03 14:51:49	Importance=Cl Peakc/s=78 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=760 Exp #=73074	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+498",Yaw≖-	", Yaw≖-354"
	D0Y=250 Peak	Fnd times	SMM Pointing:	S20W54		Pitch=+620", Yaw	, Yaw=-542", Rol	, Roll≈-20deg	H.Ang=60deg
HXKBS 15:51:2/ 15 UVSP 15:41	5:52:02	15:5	Peakc/s=95 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1015 Exp #=73075	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+499'	Pitch=+499",Yaw=-356"
f = 21866 )6,16:43 Start	DOY=250 Peak	nd times	HaClass=SF	\$20W54	AR5131	Mac.=EKI	Carr. Lon. =255deg	=255deg	H.Ang=60deg
16:41 16:41 16:41	6:43 6:42	17:12 16:45	importance=ti CaPeak.c/s=27 Peak3c/s=13 Wavelength=2788A	Qual= 4 Qual= 4 Code=00	FePeak=16:43 Exp #=73076	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s x Cad= 590s 1 Pitch=+499",	XEN=825000 1.024s/pixel ',Yaw=-361"
	)Y=250	1	SMM Pointing:	S20W55		Pitch=+621",Yaw	,Yaw=-552",Roll=-20deg	1=-20deg	H.Ang=61deg
GOES 19:16 19 HXRBS 19:15:42 19 UVSP 18:49	19:19 19:16:19		Importance=C1 Peakc/s=56 Wavelength=2788A	Qua]=01 Qua]=01	Tot Cts=451 Exp #=73079	MaxkeV=71 Rast=180"x1"	Flags=I Step=0"	Pitch=+501"	', Yaw=-372"
# = 9429 '06,22:42 DO Start Pe	-250	Fnd times	SMM Pointing:	S20W57		Pitch=+625", Yaw=-572", Roll=-20deg	#=-572", Roll	1=-20deg	H.Ang=63deg
GOES 22:40 22:4 HXRBS 22:39:47 22:4 UVSP 21:58	10:05	6	Importance=B7 Peakc/s=76 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=1033 Exp #=73081	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+503",Yaw=-387"	', Үам=-387"
1 1	1 1			88/09/0/	7 DOY=251				
9/07,11:05 Start	D0Y=251 Peak	End times	SMM Pointing:	S20W63		Pitch=+631",Yaw	,Yaw=-619",Roll	, Roll=-20deg	H.Ang=68deg
11:04:29 11 11:05 11 11:29	:04:37 :05 :08	11:05:29 11:08	Peakc/s=241 CaPeak.c/s=38 Peak3c/s=64 Wavelength=2788A	Qual=00 Qual=11 Qual= 5	Tot Cts=5167 FePeak=11:05 Exp #=73119	MaxkeV=131 FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	Flags=DG, #Peaks=1 Step=10" Step=0"	= 7.7s d= 590s tch=+511'	XEN=825100 1.024s/pixel ',Yaw=-443"
1	)Y=251	, +	SMM Pointing:	S20W64		Pitch=+631", Yaw=-627", Roll=-20deg	v=-627", Roll	]=-20deg	H.Ang=69deg
1:26 1:27:06 1:30	11:30 11:27:36 11:31	0		Qual=03 Qual=01 Qual= 4	Tot Cts=805 FePeak=11:30	MaxkeV=71 FePeak.c/s=6 Rast=240"x240"	#Peaks=1 C+en=10"	dt= 7.7s Cad= 500c	XEN=825101 1 024s /nivel
JVSP 11:29			Wavelength=2788A	Code=00	Exp #=73119	Rast=180"x1"	Step=0"	Pitch=+511"	, Yaw=-443"

int # = 943 09/07,12:1	1		SMM Pointing:	S20W64		Pitch=+631",Yaw=	, Yaw=-627", Roll	, Roll=-20deg	H.Ang=69deg
GOES 12:18 HXRBS 12:17:23 UVSP 12:03 Radio Sweeps	reak 12:19 12:18:10 Type/I	End times 12:22 12:18:46 ntensity:	Importance=Cl Peakc/s=205 Wavelength=2788A III/1	Qual=01 Qual=01 Code=01	Tot Cts=5967 Exp #=73120	MaxkeV=131 Rast=180"x1"	Flags=ND Step≖0"	Pitch=+511", Yaw=-445	, Yaw=-445"
Event # = 943 88/09/07,17:3		,	SMM Pointing:	S20W67		Pitch=+633", Yaw	, Yaw=-647", Roll	, Roll=-20deg	H.Ang=72deg
Start GOES 17:32 HXRBS 17:33:4 UVSP 17:33	Peak 17:35 :43 17:34:20	End times 17:39 17:34:41	Importance=Cl Peakc/s=59 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=453 Exp #=73143	MaxkeV=71 Rast=10"x10"	Step=0"	Pitch=+602",Yaw=-694"	, Үам=-694"
# = 218 3/07,19:5 Start 19:42	867 54 D0Y=251 Peak 19:54	End times 20:04	Importance=C4	Qua]=05	-				VTN-025100
BCS 20:01 FCS UVSP 20:05		77:07	caPeak.c/s=32 Wavelength=1375A		Fereak=20:02 Exp #=73152	rereak.C/s-0 Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s ) Pitch=+641",	1.024s/pixel ",Yaw=-645"
				88/09/08	8 D0Y=252				
.vent # = 21868 .8/09/08,12:00 Start .OES 11:58 .CS 11:49	868 00 DOY=252 Peak 12:00 12:01	End times 12:08 12:28	Importance=C1 CaPeak.c/s=28	Qual=01 Qual= 1	FePe	FePeak.c/s=8	#Peaks=2	dt= 7.7s X	XEN=825200
FCS UVSP 11:33			Wavelength=2788A		Exp #=73186	Rast=180"x1"		pitch=+510	1.06+3/PIACI
Event # = 9705 88/09/08,12:41	05 41 DOY=252	ישהי+ לעם	SMM Pointing:	S20W77		Pitch=+632", Yaw	, Yaw=-696", Rol	, Roll=-20deg	H.Ang=80deg
start  ca   12-30		nu times 3:21	HaClass=1N Importance=M2	\$23W79 0ua1=02	AR5131	Mac.=EAO	Carr.Lon.=256deg	=256deg	H.Ang≕83deg
HXRBS 12:31:82:32:32:32:32:32:32:32:32:32:32:32:32:32	46 12:35:0 12:35	3 12:36:57 12:37	Peakc/s=222 CaPeak.c/s=418	Qual=01 Qual= 1	Tot Cts=11100 FePeak=12:35	MaxkeV=131 FePeak.c/s=113	Flags=1 #Peaks=1 C+on=10"	dt= 3.8s X	XEN=825201
, 12:33			Wavelength=2788A	Code=00	Exp #=73187	Rast=180"x1"		Pitch=+510	", Yaw=-515"
vent # = 97 8/09/08,13:		100	SMM Pointing:	S20W77		Pitch=+632",Yaw	, Yaw=-696", Rol	, Roll=-20deg	H.Ang=80deg
Start GOES 13:21 HXRBS 13:21:17 UVSP 13:22	Peak 13:25 13:21:2	End times 13:30 5 13:22:07	Importance=Cl Peakc/s=53 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=224 Exp #=73189	MaxkeV=71 Rast=10"x10"	Flags=I Step=0"	Pitch=+685"	", Yaw=-621"
Event # = 97 88/09/08,15:	1		SMM Pointing:	S20W78		Pitch=+631",Yaw	, Yaw=-702", Rol	, Roll=-20deg	H.Ang=82deg
Start GOES 15:41 HXRBS 15:41:38 UVSP 15:42	Peak 15:45 : 15:41:5	End times 15:57 6 15:42:31	Importance=B7 Peakc/s=54 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=274 Exp #=73202	MaxkeV=71 Rast=265"x265"	Flags=I Step=5"	Pitch=+637	Pitch=+637",Yaw=-693"
				***************************************					

Event 88/09/	# = 9434 /08 18:47	D0Y=252		SMM Pointing:	S20W78		Pitch=+631", Yaw	, Yaw=-702", Rol	, Roll=-20deg	H.Ang=82deg
Optica	Start	eak	1 times	Class=SN	S25W72	AR5131	Mac.=EA0	Carr.Lon.=246deg	=246deg	H.Ang=77deg
GOES HXRBS BCS	18:36 18:39:52 18:42	18:47 18:41:24 18:42	19:46 18:43:00 18:45	Importance=M1 Peakc/s=725 CaPeak.c/s=195	Qual=02 Qual=03 Qual= 2	Tot Cts=46362 FePeak=18:42	MaxkeV=192 FePeak.c/s=54		dt= 3.8s X	XEN=825202
FCS UVSP Radio Radio	18:37 Sweeps Frequency	Type/Intens cy(MHz)/Flux(s	ity: fu):	Wavelength=1375A V/3 4995/93	Code=01	Exp #=73217	Rast=10"x10"	Step=0"	cad-30403 Pitch=+652'	, Yaw=-690"
Event 88/09/	t # = 21869 9/08,21:08 Start	DOY=252 Peak	End times							
GOES BCS	21:00 21:12	21:08 21:12		Importance=B8 CaPeak.c/s=47	Qua]=05 Qua]= 5	FePeak=21:12	FePeak.c/s=25	#Peaks=1 Sten=0"	dt= 7.7s Cad=3840s	XEN=825204 3840s/pixel
SSN gs	20:57			₩avelength=2788A	Code=00	Exp #=73219	Rast=180"x1"	Step=0"	Pitch=+506'	', Yaw=-529"
Event 88/09/	/08,21:23		Fnd +imes							
60ES BCS	21:15 21:18 21:18	21:23 21:20 21:20	21:54 21:33	<pre>Importance=C1 CaPeak.c/s=25</pre>	Qual=01 Qual= 1	FePeak=21:26	FePeak.c/s=8	#Peaks=1	dt= 7.7s Cad=3840s	XEN=825203 3840s/nixel
WSP WSP	20:57			₩avelength=2788A		Exp #=73219	Rast=180"x1"	Step=0"		", Yaw=-529"
Event 88/09/	Event # = 21871 88/09/08,22:15	D0Y=252	End +imos		marry					
GOES BCS	21:55 22:38	22:15 22:38 22:38	23:14 22:50	Importance=C2 CaPeak.c/s=34	Qual=05 Qual= 5	FePeak=22:38	FePeak.c/s=6		dt= 7.7s	XEN=825205
FCS UVSP	22:32			Wavelength=2788A		Exp #=73220	Kast=240 X240 Rast=180"x1"	Step=13 Step=0"	cad= cocs 1 Pitch=+505",	1.0245/PIAE1
Event 88/09/	# = 9435 '08,23:19	D0Y=252	t bag	SMM Pointing:	S20W81		Pitch=+629", Yaw=-712", Roll=-20deg	=-712", Rol	1=-20deg	H.Ang=85deg
GOES HXRBS BCS	23:15 23:15 23:16:24 23:18	23:19 23:17:1 23:19:1	23:40 23:17:58 23:27	Importance=Cl Peakc/s=62 CaPeak.c/s=40	Qual=01 Qual=01 Qual= 4	Tot Cts=830 FePeak=23:18	MaxkeV=71 FePeak.c/s=13		dt= 7.7s	XEN=825206
LVSP UVSP	22:32	23:26		₩		Exp #=73220	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=+505"	1.024s/pixel 5",Yaw=-531"
					60/60/88	9 D0Y=253				
<del>2</del> 5 0	: # = 218/2 1/09,03:41 Start 03:38	D0Y= Peak 03:4	End times 04:12	Importance=B8	Qua]=0]	-	-	-		000100
	03:43 03:14	03:43 03:45	:49	Cabeak.c/s=18 Peak3c/s=15 Wavelength=2788A	Qual= 4	FePeak=03:44 Exp #=73229	FePeak.c/s=/ Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= /./s Cad= 590s Pitch=+495"	XEN=825300 1.024s/pixel ",Yaw=-540"

Event 88/09/ 60ES BCS FCS	.: 35°	DOY=253 Peak 05:13 05:17	End times 05:18		Qua]=06 Qua]= 4	FePeak=05:14	FePeak.c/s=9 Rast=240"x240"	#Peaks=1 Sten=10"	dt= 7.7s Cad= 590s	dt= 7.7s XEN=825301 Cad= 590s 1.024s/nixel
	04:47			Wavelength=2788A		Exp #=73231	Rast=180"x1"		Pitch=+495	", Yaw=-540"
Event 88/09/	# = 9436 09,06:49 Start	1	Fnd +	SMM Pointing:	S20W83		Pitch=+616", Yaw	, Yaw=-726", Roll=-20deg	1=-20deg	H.Ang=86deg
GOES HXRBS BCS	06:38 06:43:47 06:46	06:49 06:44:29 06:48	07:25 06:45:27 06:57	Importance=Cl Peakc/s=63 CaPeak.c/s=24	Qual=01 Qual=01	Tot Cts=617 FePeak=06:50	MaxkeV=71 Febesk c/c=7			XEN-025202
FCS UVSP	06:35			5A	Code=00	Exp #=73234	Rast=110"x200"	Step=10" Step=5"	Cad= 590s ) Pitch=+620",	7.024s/pixel ",Yaw=-740"
Event 88/09/	; # = 21874 1/09, 07:58	1	1							
GOES	07:49 08:08	07:58 08:08	08:32 08:24	Importance=C2 (CaPeak.c/s=30 (	Qual=05 Qual= 5	FePeak=08:08	FePeak.c/s=7		dt= 7.7s	XEN=825303
HCS UVSP	08:05	08:19		Peak3c/s=42 Wavelength=1375A	Code=02	Exp #=73239	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s 1 Pitch=+623",	1.024s/pixel ",Yaw=-712"
Event 88/09/	it # = 21875 09/09,08:37 [	D0Y=253	-							
GOES BCS	08:33 08:35	Peak 08:37 08:37	End times 08:55 08:40	Importance=Cl CaPeak.c/s=20	Qual=01 Oual= 4	FePeak=08:36	FePeak.c/s=6		dt= 7.7c	XFN=825304
FCS UVSP	08:28	8:3		Peak3c/s=50 Wavelength=1375A (	Code=00	Exp #=73242	Rast=240"x240" Rast=110"x200"	Step=10" Step=5"	Cad= 590s 1 Pitch=+675",	1.024s/pixel ', Yaw=-740"
Event 88/09/	# = 21876 1/09,08:58 Start		t times							
GOES BCS	08:55 08:57	08:58 08:57	09:10 08:59	Importance=C1 CaPeak.c/s=24	Qual=05 Qual= 4	FePeak=08:57	FePeak.c/s=8		dt= 7.7s	XEN=825305
UVSP	08:46	98:58		5A	Code=00	Exp #=73244	Rast=240"x240" Rast=110"x200"	Step=10" Step=5"		1.024s/pixel ",Yaw=-740"
Event 88/09/	t # = 9437 9/09,21:01 Start	D0Y=253 Peak	End times							
ď	ا 20:57	21:01	21:23		S13E16 Oual=01	AR5143	Mac.=BX0	Carr.Lon.=143deg	=143deg	H.Ang=26deg
HXRBS UVSP	20:56:42 21:00	20:57:47	20:58:34	Peakc/s=63 Wavelength=1375A	Qual=01 Code=00	Tot Cts=788 Exp #=73296	MaxkeV=71 Rast=110"x200"	Step=5"	Pitch=+650",Yaw≖-740"	', Yaw=-740"

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Event # = 218 88/09/10,08:2 Start	17	0Y=254 eak	End times	y <sub>e</sub>	00/09/10	10 DUY=254					
		08:21 08:19 08:23	08:50 08:28	Importance=C2 CaPeak.c/s=88 Peak3c/s=77 Wavelength=2788A	Qual=03 Qual= 1 A Code=02	FePeak=08:17 Exp #=73335	FePeak.c/s=26 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s x Cad= 590s 1 Pitch=+495",	XEN=825400 1.024s/pixel ",Yaw=-570"	
*	ထ္ကတ္	D0Y=254 Peak	End time	SMM Pointing:	S13E09		Pitch=+256", Yaw=+255", Roll=-20deg	W=+255", Ro]	]=-20deg	H. Ang=22deg	1
GUES 15:43 HXRBS 15:34: UVSP 16:13 Radio Sweeps	25	1,49 1 1,36:05 1 Type/Int	16:28 15:38:35 ntensity:	Importance=C3 () Peakc/s=60 () Wavelength=2788A II/2	Qual=01 Qual=01	Tot Cts=1576 Exp #=73345	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+137"	", Yaw=+434"	
ven	1430				88/09/11	1 D0Y=255					1
88/09/11,01 Star		22	End time:	SMM Pointing:	\$13E04		Pitch=+284", Yaw=+181", Roll=-20deg	w=+181", Rol	]=-20deg	H.Ang=21deg	ļ
000		01:03 01:02:36 :y(MHz)/F1	01:06 01:02:54 lux(sfu):	Importance=C1 Peakc/s=208 Wavelength=1375A 245/140	Qual=01 Qual=01 Code=00	Tot Cts=1288 Exp #=73355	MaxkeV=131 Rast=10"x10"	Step=0"	Pitch=+415",Yaw=+98"	', Yaw=+98"	
, 0	2:59 01	:03:06	01:03:19	Peakc/s=122	Associated Qual=01	Event # = 9440 Tot Cts=456	 MaxkeV=131	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	! !	
Event # = 9441 88/09/11,11:49 Start		D0Y=255 Peak	End times	SMM Pointing:	S13W02		Pitch=+320", Yaw=+86"	v=+86", Roll:	, Roll=-20deg	H.Ang=20deg	1
Optical GOES 11:4			52	Ha. Impo	S09E80 0ual=01	AR5148	Mac.=DS0	Carr.Lon.=58deg	-58deg	H.Ang=81deg	
XRBS 11:47: VSP 11:37	8	7:40	11:49:00		Qual=01 Code=01	Tot Cts=780 Exp #=73388	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+198"	, Yaw=+272"	
vent # = 0	442				88/09/12	D0Y=256					ı
8/09/12,07:22 Start	:22 DOY=2! t Peak	99	End times	SMM Pointing:	\$10E65		Pitch=-93", Yaw=	, Yaw=+877", Roll=-20deg		H.Ang=67deg	I
ros .	07	•	7.33	HaClass=SF Importance=C2	S11E70 0ual=03	AR5148	Mac.=DSO	Carr.Lon.=57deg		H.Ang=72deg	
HAKES U/:1/: BCS 07:19 FCS	45 007 000	:18:13 :22 :20	07:21:20 07:27	c/s=125 <.c/s=98	Qual=01 Qual= 1	Tot Cts=3226 FePeak=07:21	MaxkeV=101 FePeak.c/s=18	#Peaks=1	dt= 3.8s	XFN=825600	
07:2 Sweep	5	.co Type/Inten	tensity:	◂	Code=02	Exp #=73432	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s 1 Pitch=-210",	1.024s/pixel ",Yaw=+801"	
vent # = 9443 8/09/12,12:52 Start	DOY Pea	-256	Fnd times	SMM Pointing:	\$10E62		Pitch=-80", Yaw=	, Yaw=+857", Roll=-20deg		H.Ang=64deg	ı
GOES HXRBS 12:52 UVSP 12:39	4 12	52:27		Peakc/s=61 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=307 Exp #=73439	MaxkeV=131 Rast=180"x1"	Step=0"	-197"		
										70	

86/09/12,17:41 P Optical 60ES 17:30 1 HXRBS 17:34:59 1 BCS 17:36 1 FCS 17:36 1 UVSP 17:36 1 Event # = 9445	7¥ 4:	Fnd times	. n						
17:30 17:34:59 17:36 17:36 17:36 17:36 17:36	:41		Class=SF	S14E65	AR5148	Mac.=DS0	Carr.Lon.=	=57deg	H.Ang=68deg
ent # = 9445 /09/12,20:53	17:35:22 17:40 17:43	18:02 17:36:04 17:45	Importance=C1 Peakc/s=65 CaPeak.c/s=34 Peak3c/s=23 Wavelength=1375A	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=307 FePeak=17:41 Exp #=73456	MaxkeV=71 FePeak.c/s=10 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-20",	XEN=825601 1.024s/pixel ,Yaw=+884"
00101101	00Y=256		SMM Pointing:	S10E58		Pitch=-60", Yaw=4	, Yaw=+826", Roll=	=-20deg	H.Ang=60deg
start .]	¥	imes	HaClass=1F	\$12E61	AR5148	Mac.=DS0	Carr.Lon.=59deg	=59deg	H.Ang≃64deg
20:45 20:48:08 20:51 20:29	20:53 20:51:14 20:53 20:56	21:27 4 20:52:41 21:02	Importance=Cl Peakc/s=68 CaPeak.c/s=45 Peak3c/s=44 Wavelength=2788A	Qua =01 Qua =01 Qua = 1	Tot Cts=1117 FePeak=20:52 Exp #=73466	MaxkeV=71 FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-177"	XEN=825602 1.024s/pixel ", yaw=+751"
				88/09/1	3 D0Y=257				
vent # = 9446	DOY=257		SMM Pointing:	S10E52		Pitch=-31",Yaw≕	, Yaw=+776", Roll	,Roll=-20deg	H.Ang=54deg
Start	Peak	шes	HaClass=1N	S12E55	AR5148	Mac.=DAO	Carr.Lon.=59deg	=59deg	H.Ang≖58deg
07:51 07:52:49 07:54 08:25 Sweeps	9000	08:34 6 08:20:32 08:31 Intensity: Flux(sfu):	Importance=C4 Peakc/s=211 CaPeak.c/s=197 Peak3c/s=175 Wavelength=2788A III/2 245/140 410/150	Qual=01 Qual=11 Qual= 1 606/170	Tot Cts=13715 FePeak=08:05 Exp #=73483 1415/68	MaxkeV=131 FePeak.c/s=28 Rast=240"x240" Rast=180"x1"	Flags=DG #Peaks=1 Step=10" Step=0"	dt= 3.8s Cad= 590s Pitch=-145	XEN=825700 1.024s/pixel 5", Yaw=+695"
t # = 9447	ויכ			OF 10		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yaw=+753" Roll	Roll=-20dea	H.Ang=52deg
13,11:00 Start	DOY=257 Peak	End times	E E	310E49 N31E11	AR5142	Mac.=CA0	Carr.Lon.	.=101deg	H.Ang=26deg
GOES 10:53 HXRBS 10:55:58 UVSP 10:33	11:00 10:56:0	11:05 3 10:56:34	Importance=B5 Peakc/s=62 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=258 Exp #=73486	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch≖-139"	I", Yaw=+684"
				88/09/14	.4 DOY=258				
Event # = 9448 88/09/14,01:08	D0Y=258	7	SMM Pointing:			Pitch=+112",Yav	, Yaw=+960", Roll=-20deg	11=-20deg	
Start GOES 01:05 HXRBS 01:04:50 UVSP 01:06	Peak 01:08 01:05	End times 01:19 :04 01:05:12	Importance=82 Peakc/s=71 Wavelength=1375A	Qual=01 Qual=01 A Code=00	Tot Cts=164 Exp #=73527	MaxkeV=71 Rast=265"x265"	Step=5"	Pitch=-120"	)", Yaw=+970"
				88/09/1	17 D0Y=261				
Event # = 9450 88/09/17,14:02	D0Y=261	1	SMM Pointing:	S10W05		Pitch=+281",Ya	, Yaw=-85", Roll=Odeg	1=0deg	H.Ang=18deg
Start GOES 13:58 HXRBS 13:59:26 UVSP 13:30	Peak 14:02 13:59:	End times 14:06 41 14:01:14	s Importance=C2 Peakc/s=453 Wavelength=2788A	Qual=01 Qual=01 A Code=00	Tot Cts=3226 Exp #=73671	MaxkeV=193 Rast=243"x243"	Step=3"	Pitch=+288"	8", Yaw=-74"

	н.Апд=2∪аед ,Үаw=-201"	H. Ang=56deg	,Yaw=+650"		H. Ang=66deg	H.Ang=74deg		ur=180sec Yaw=+570"		H.Ang=64deg	/аw=+593"	H Ann=63den	H.Ang=72deg	, Yaw=+604"		H.Ang=61deg	
	-+279"		=+196"		, Roll=0deg	Carr.Lon.=317deg H	•	Dur=180sec 0" Pitch=+479",Yaw=+570"			Pitch=+638"	Roll=Oden H	<b>.</b>	Pitch=+614"			Carrion = 215dog
	MaxkeV=71 Rast=10"x10" Step=0"	Pitch=+315", Yaw=+729", Roll=Odeg	MaxkeV=71 Flags=I Rast=180"x1" Step=0"		Pitch=+600", Yaw=+639"		MaxkeV=329	Rast=180"x1" Step=0"		Pitch=+602", Yaw=+619", Roll=Odeg	MaxkeV=71 Rast=10"x10" Step=0"	Pitch=+606", Yaw=+599"	•	MaxkeV=131 Flags=M5 Rast=265"x265" Step=5"		Pitch=+610",Yaw=+569",Roll=Odeg	
0+i0	Cts=126 #=73696	D0Y=262	Cts=205 #=73722	D0Y=263	Pitc	AR5159 Mac.=AXX	Cts=70109	Exp #=73797 Rast	8800/110 15400/100	Pitch	Cts=1769 #=73806	Pitch	AR5159 Mac.=AXX	Cts=6642 #=73818	D0Y=264	Pitch	AR5159 Mac.=AXX
STOWTO		88/09/18 S15E52	Qual=03 Qual=01 Tot	88/09/19	S35E55	N30E76	Qual=01 Tot		4995/65 8800/;	S35E52	Qual=03 Qual=01 Tot Code=00 Exp	S35E50	N31E73	Qual=01 Qual=01 Tot Code=02 Exp	88/09/20	<b>535E46</b>	N28E69
SMM Pointing:	دە ىحـ	SMM Pointing:	Importance=Cl Peakc/s=51 Wavelength=2788A		SMM Pointing:	HaClass=SN	Peakc/s=979	Wavelength=2788A	65 2695/48	SMM Pointing:	Importance=C5 Peakc/s=85 Wavelength=1375A III/1 245/110	SMM Pointing:	HaClass=SN	Importance-09 Peakc/s=172 Wavelength=1375A 111/2 245/230	'	Pointing:	HaClass=SF
D0Y=261	· •		08:42:04 08:42:49		Y=263 ak End times	:05 11:59	:02:17 11:08:07	10:35 Type/Intensity:	MHZ)/Flux(sfu):	DOY=263 Deak End times	17:10 17:18 17:52 17:14:50 17:15:20 17:17:16 17:07 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	D0Y=263	ak End times	5:05 (L):	N 3 C	Peak End times	
Event # = 9451 88/09/17,23:04 DO		FT 10	GOES 08:30 08 HXRBS 08:41:40 08 UVSP 09:00	ant # = 0452	88/09/19,11:05 DOY=: Start Peak	tical ES 11:00 11:	RBS 11:01:04 11:05:00	UVSP 10:35 Radio Sweeps 1	dio Frequency()	Event # = 9453 88/09/19,17:18 DOY Start Pea	GOES 17:10 17:1 HXRBS 17:14:50 17: UVSP 17:07 Radio Sweeps T Radio Frequency(M	ent # = 9454 1,09/19,21:45 DOY	Start Pea ical S 21:39 21:	HXRBS 21:40:41 21:42:47 21:45 UVSP 21:46 Radio Sweeps Type/Intensi Radio Frequency(MHz)/Flux(sf	Event # = 9455		Optical

Peak End times  5	Event # = 9743 88/09/20.02:42	D0Y=264		SMM Pointing:	S35E46			Pitch=+610", Yaw=+569", Roll=Odeg	+569", Roll		H.Ang=61deg
07-264  End times   Max. Class=18   N. 08866   Hac. = DSO   Carr. Lon.=316deg   H    17 pe/Intensity:   111/2   Haxelength=2788A Code=00   Exp #=73841   Rast=180"x1"   Step=0" Pitch=+491",    18	9	Peak 02:42:23	End 02:4	c/s=62  ength=2788A	Qual=00 Qual=01	Tot Cts=18 Exp #=738			Flags=I Step=0"	Pitch=+489",	, Yaw=+500"
Fig. 15   06:30		D0Y=264 Peak	time	SMM Pointing:			u 2	itch=+611",Yaw= ac.=DSO	+559",Roll		1.Ang=60deg H.Ang=66deg
DOY-264 End times  Havelength=2788A  SHM Pointing: S35E42  Pitch=+615", Yaw=+528", Roll=-0deg H  Pitch=+615", Yaw=+528", Roll=-0deg H  Pitch=+615", Yaw=+528", Roll=-0deg H  Pitch=+617", Yaw=+528", Roll=-0deg H  Pitch=+617", Yaw=+507", Roll=-0deg H  Pooly-265  Bay Oby-265  Bay Oby-265  Bay Oby-265  Bay Oby-265  Bay Oby-265  Bay Oby-265  Bay Oby-266  Bay Oby-267  Bay Oby-267  Bay Oby-269  Bay	06:09 06:10:41 05:24 weeps	06:15 06:11:53 Type/1	30 13	tance=C6 c/s=62 ength=2788A	Oual=01 Oual=01 Code=00	Tot Cts=9 Exp #=738		<u> </u>	Step=0"	+491"	, Yaw=+484"
Peak End times   Peakc/s=12   Qual=01   Tot Cts=270   MaxkeV=71   Flags=1   Pitch=+495",   Peakc/s=12   Qual=01   Exp #=73850   Pitch=+617", Yaw=+507", Roll=Odeg   Pitch=+617", Yaw=+507", Roll=Odeg   Pitch=+6180"x1"   Step=0"   Pitch=+495",   Pitch=-495",   Pitch=-499",	= 9744 20, 12:25	DOY=264		S. S.	S35E42		_	oitch=+615", Yaw=	+528", Roll		H.Ang=58deg
007-264         SMM Pointing:         S35E40         Pitch=+617", Yaw=+507", Roll=Odeg         P           9eak         Fact times         HaClass=1F         S36E33         AR5158         Mac.=EAI         Carr.Lon.=345deg         P           14:19         14:59         Importance=C2         Qual=02         Exp #=73852         MaxkeV=71         Step=0"         Pitch=+496", PakC/s=65         Pitch=+496", Pak.elson's Pitch=+496", Pak.elson's Pitch=-496", Pak.elson's Peak         Pitch=-419", Vaw=+691", Pak.elson's Pitch=-496", Pak.elson's Pitch=-496", Pak.elson's Pitch=-283"         Pitch=-419", Vaw=+691", Pak.elson's Pitch=-283"           007-265         Amarelength=2788A         Amarelength=2788A         Amarelength=2788A         Amarelength=288", Roll=0deg         Pitch=-409", Yaw=+628", Roll=0deg         Pitch=-283"           007-265         SMM Pointing:         N30E49         AR5156         Mac.=050         Carr.Lon.=352deg         Pitch=-283"           20:57:11         20:58:22         Peakc/s=16         Qual=01         Tot Cts=1684         MaxkeV=101         Pitch=-283", Yaw=+931", Roll=-0deg           20:57:11         20:58:22         Peakc/s=16         Qual=01         Tot Cts=1684         Pitch=-28", Yaw=+931", Roll=-0deg           00:57:11         20:58:22         Bavelength=1375A         Code=-00         Exp #=73932         Pitch=-28", Yaw=+931", Roll=-28"<	Start 12:21 12:23:30 12:39	Peak 12:25 12:23:47	End times 12:29 12:24:09	Importance=Cl Peakc/s=62 Wavelength=2788A	Qua1=01 Qua1=01	Tot Cts=2 Exp #=738		<b>.</b> x	Flags=I Step=0"	Pitch=+495"	, Yaw=+447"
Peak End times HaClass=1F S36E33 AR5158 Mac.=EAI Carr.Lon.=345deg P4:19 14:19 14:59 Importance=C2 Qual=01 Tot Cts=392 Rast=180"x1" Step=0" Pitch=+496", Avelength=2788A Code=00 Exp #=73852 Rast=180"x1" Step=0" Pitch=+496", D0Y=265 End times Importance=C1 Qual=01 Tot Cts=247 Rast=180"x1" Step=0" Pitch=-283" D0Y=265 Peakc/s=69 Qual=01 Tot Cts=247 Rast=180"x1" Step=0" Pitch=-283" D0Y=265 End times Importance=C1 Qual=01 Exp #=73819 Rast=180"x1" Step=0" Pitch=-283" Pitch=-283" Rast=180"x1" Step=0" Pitch=-283" D0Y=265 SMM Pointing: N30E49 Poitch=-409", Yaw=+628", Roll=0deg Peak HaClass=SF S16E09 AR5156 Mac.=DS0 Carr.Lon.=352deg Peak HaClass=SF S16E09 Rast=265"x265" Step=5" Pitch=-401" Rast=265"x265" Step=5" Pitch=-401" Pitch=-401" Rast=265"x265" Step=5" Pitch=-401" Pitch=-429", Mavelength=1375A Code=00 Exp #=73912 Rast=265"x265" Step=5" Pitch=-401" Pitch=-429", Mavelength=1375A Rast=265"x265" Step=5" Pitch=-429", Pitch=-42	t = 9457	D0Y=264		Pointing	S35E40			oitch=+617",Yaw∍	-+507", Rol	l=0deg	H.Ang=57deg
14:19	Start	Peak	End times		S36E33	AR515		fac.=EAI	Carr.Lon.		H.Ang≖53deg
00%=265         SMM Pointing:         N30E56         Pitch=-419", Yaw=+691", Roll=Odeg         Peak Peak Peak Peak Peak Peak Peak Peak	14:08 14:16:3 14:12	4:19 4:16	14:59 14:17:14	Importance=C2 Peakc/s=65 Wavelength=2788A	Qual=02 Qual=01 Code=00	Tot Cts=3 Exp #=738		MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=+496"	, Үам=+438"
DOY=265 End times  End times  O7:01:15 07:01:25  Wavelength=2788A  DOY=265  DOY=265  SMM Pointing: N30E49  DOY=265  SMM Pointing: N30E49  DOY=265  DOY=265  SMM Pointing: N30E49  DOY=266  DOY=266  DOY=266  DOY=266  DOY=266  DOY=266  DOY=266  DOY=266  DOY=266  SMM Pointing: N00E76  DOY=266  DOY=269  D					88/09/2		593				
DOY=265  DOY=265  The times are length=2788A  DOY=265  DOY=265  DOY=265  SMM Pointing: N30E49  DOY=265  DOY=265  SMM Pointing: N30E49  DOY=265  DOY=265  DOY=266  MaxkeV=71  SRAP=180"x1" Step=0" Pitch=-283"  Pitch=-409", Yaw=+628", Roll=0deg  Pointing: Navelength=1375A Code=00 Exp #=73912  BR/09/22 DOY=266  Peak End times	= 9458 1,07:02	)00Y=2	-	₹ E	N30E56			Pitch=-419",Yaw	-+691", Rol	1=0deg	H.Ang=58deg
DOY=265	Start 07:00 07:01:02 07:25	Peak 07:02 07:01	End time 07:04 07:01:25		Qual=01 Qual=01	Tot Cts=2 Exp #=738	247 389	x1	Step=0"	Pitch=-283"	, Yaw≖+615"
Peak End times HaClass=SF S16E09 AR5156 Mac.=DS0 Carr.Lon.=352deg  21:01	= 9459 1,21:01	D0Y=265		₩.	N30E49			Pitch=-409", Yaw	=+628", Rol	1=0deg	H.Ang≃51deg
21:01 21:19 Importance=L2 (Ual=01 Tot Cts=1684 MaxkeV=101 Mavelength=1375A Code=00 Exp #=73912 Rast=265"x265" Step=5" Pitch=-401"  88/09/22 D0Y=266 Peak End times Qual=00 Tot Cts=931 MaxkeV=101 Flags=I Pitch=+29", Wavelength=1375A Exp #=73932 Rast=265"x265" Step=5" Pitch=-401"	Start	Peak	Eug	HaClass=SF	\$16E09	AR51	99	Mac.=050	Carr.Lon.	=352deg	H.Ang≖25deg
DOY=266 SMM Pointing: NOOE76 Pitch=+28", Yaw=+931", Roll=Odeg Peak End times Qual=00 Tot Cts=931 MaxkeV=101 Flags=I Pitch=+29", Wavelength=1375A Exp #=73932 Rast=265"x265" Step=5" Pitch=+29",		21:01 20:57	21:19 1 20:58	<pre>importance=LZ Peakc/s=116 Wavelength=1375A</pre>	Qual=01 Qual=01 Code=00	Tot Cts=] Exp #=739	1684 912	MaxkeV=101 Rast=265"x265"	Step=5"	Pitch=-401"	', Yaw=+634"
D0Y=266 SMM Pointing: NOOE76 Pitch=+28",Yaw=+931",Roll=Odeg Peak End times Qual=00 Qual=00 Tot Cts=931 MaxkeV=101 Flags=I Pitch=+29", Vavelength=1375A Exp #=73932 Rast=265"x265" Step=5" Pitch=+29",					88/09/2		566				
Peak	f = 9759 22,01:46	D0Y=266	ı	SA.	N00E76			Pitch=+28",Yaw=	+931", Roll	=0deg	H.Ang=77deg
	Start 01:46:34 01:46	Peak . 01:46:4	End ; 01:4	25		Tot Cts=( Exp #=73(	931 932	MaxkeV=101 Rast=265"x265"	Flags=I Step=5"	Pitch=+29",	, Yaw=+946"

Peak End times HaClass=SF N27E44 ARB159 Hac.=CRO Carr. 03:12	Event # = 9460 88/09/22.03:13				SMM Pointing:	N30E45		Pitch=-404", Yaw	, Yaw=+590", Rol	,Roll=Odeg	H.Ang=48deg
03:109: 803:193 303:124   Papex transce-G6	Star Optical			End times	Ha	N27E44	AR5159		Carr.Lon.	=313deg	H.Ang=46deg
BDV=266         End times         SWH Pointing:         N30E45         Rast=243,x243" Step=3"         Fltch=-336           DDV=266         End times         SWH Pointing:         N30E45         Pitch=-404", Yaw=+590", Roll-Odeg           DDV=266         End times         Qual=01         Dt Cts=626         MaxkeV=71         Pitch=-401", Yaw=+570", Roll-Odeg           DDV=266         End times         SWH Pointing:         N30E43         Pitch=-401", Yaw=+570", Roll-Odeg           DDV=266         End times         SWH Pointing:         N30E43         Pitch=-401", Yaw=+570", Roll-Odeg           DDV=266         End times         Importance=C2         Qual=01         Tot Cts=271         MaxkeV=71         Pitch=-267"           DDV=266         End times         Auxelength=2788A         Code=01         Exp #=73941         Rast=180"x1"         Step=0"         Pitch=-267"           DBV=266         SWH Pointing:         N30E43         Arc-670         Macl=267"         Pitch=-267"           DBV=266         SWH Pointing:         N30E43         Arc-670         Roll-06g         Pitch=-267"           DBV=266         SWH Pointing:         N30E43         Arc-670         Macl=270", Roll-06g         Pitch=-267"           DBV=266         End times         Exp #=73942         Rast=243"x2	GOES 03:0 HXRBS 03:0 BCS 03:1	28	3 2:39 2	03:22 03:11:41 03:22	Importance=C6 Peakc/s=68 CaPeak.c/s=223	Qual=01 Qual=01 Qual= 1	Tot Cts=1155 FePeak=03:11	MaxkeV=71 FePeak.c/s=56	#Peaks=1	dt= 3.8s	XEN=826600
DOY-266  Box trimes  O3:30:53 O3:31:23  D3:30 O3:30:33  D3 Eak  O3:30:30 O3:31:23  D3 Eak  D3 E	02	∞			ave		Exp #=73936	kast=U"xU" Rast=243"x243"	Step=0. Step=3"	cad=4.10s Pitch=-396	4.0965/p1xe1 ", Yaw=+603"
03:30:53 03:31:23 Peakc/s=80 Qual=01 Tot Cts=626 Paxkey=71 Rast=243"x243" Step=3" Pitch=-396" Peak Of 190 Peak	Event # = 9 88/09/22,03	1	266	Fnd times	_	N30E45		Pitch=-404", Yaw	=+590", Rol	1=0deg	H.Ang=48deg
D0Y=266 End times				03:31:23	Peakc/s=80 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=626 Exp #=73936	MaxkeV=71 Rast=243"x243"	Step=3"	Pitch=-396'	", Yaw=+603"
07:36:52 07:37:14 Peakc/s=55 Qual=01 Tot Cts=271 PaxkeV=71 Processing for the control of the	Event # = 9 88/09/22,07		266	1	SMM	N30E43		Pitch=-401", Yaw	=+570", Rol	]=0deg	H.Ang=47deg
DOY=266  Peak End times  HaClass=SF N2641  Ros159  Ros. = CRO  Carr.Lon.=314deg  Ros108:08  Ros12  Ros12  Ros12  Ros135013  Ros2=CRO  Carr.Lon.=314deg  Ros12  Ros13508:08  Ros12  Ros12  Ros12  Ros12  Ros12  Ros12  Ros12  Ros12  Ros12  Ros135013  Ros2=CRO  Carr.Lon.=314deg  Capeak.c/s=1255  Ros13  Ros2=CS=460  Ros135  Ros12  Ros12  Ros12  Ros12  Ros12  Ros12  Ros12  Ros12  Ros134  Ros12  Ros135013  Ros12  Ros13460  Ros13  Ros12  Ros136  Ros	GOES 07:3 HXRBS 07:3 UVSP 07:3		6:52	07:49 07:37:14	Imp Peal	Qual=01 Qual=01 Code=01	Tot Cts=271 Exp #=73941	MaxkeV=71 Rast=180"x1"	Step=0"	Pitch=-267	", Yaw=+495"
08:08 08:12	Event # = 9 88/09/22,08	1		,,	SMM Pointing	N30E43		Pitch=-401", Yaw	=+570", Rol	]=0deg	H.Ang=47deg
08:104 08:105 08:105 08:13:58 Peak.c./s=685 Qual=01 Tot Cts=36713 MaxkeV=193 Flags=H5 Peak.c./s=685 Qual=01 FePeak=08:09 FePeak.c./s=460 #Peaks=1 dt= 3.8s Peak.c./s=1255 Qual=01 FePeak=08:09 FePeak.c/s=1260° Cad= 590s Rast=180"x1" Step=0" Cad= 590s Rast=180"x1" Step=0" Pitch=-266 Tepeak.c/s=12878	Star Optical			בנות רוווב	Ha.	N26E41	AR5159	Mac.=CRO	Carr.Lon.	=314deg	H.Ang≖43deg
Mavelength=2788A	HXRBS 08:0 BCS 08:0	15	6:40 9	7.7.7. 888	Importance=M2 Peakc/s=685 CaPeak.c/s=1255	Qual=01 Qual=01 Qual= 1	Tot Cts=36713 FePeak=08:09	MaxkeV=193 FePeak.c/s=460		dt= 3.8s	XEN=826601
= 21878  1	$\sim$ 3	8 Tyl	pe/In	tensity:	ج <u>ت</u> ق	15/69	Exp #=73942	kast=240"X240" Rast=180"X1" N/74 15400/36		cad= byus Pitch=-266	1.024s/plxel ",Yaw=+490"
1		queiley (mr	11/(7	. (n s)yn	t	607 00 /61	00 /0/666+ /6/6	00/00+01 +//00			
08:28 Wavelength=2788A Exp #=73942 Rast=180"x1" Step=10" Cad= 590s	Event # = 2 88/09/22,08 Star 60ES	1	1		100c)	Qual=00	01.000	At a dead of	ı	1	CU99C8=N3X
# = 21879 3/22,09:44 D0Y=266 Start Peak End times 09:35 09:44 09:49 Importance=C2 Qual=01 09:35 09:44 09:45 CaPeak.c/s=21 Qual= 4 FePeak=09:44 FePeak.c/s=9 #Peaks=1 dt= 7.7s 09:41 09:42 09:46 CaPeak.c/s=21 Qual= 4 FePeak=09:44 FePeak.c/s=9 #Peaks=1 dt= 7.7s 10:01		7.		•	Wavelength=2788A		Exp #=73942	Rast=240"x240" Rast=180"x1"			1.024s/pixel ", Yaw=+490"
09:41 09:42 09:46 CaPeak.c/s=21 Qual= 4 FePeak=09:44 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=240"x240" Step=10" Cad= 590s 10:01 Wavelength=2788A Exp #=73944 Rast=180"x1" Step=0" Pitch=-265	#/2/5	6 4	99	End times	1	0.19]=01					
10:01 Wavelength=2788A Exp #=73944 Rast=180"x1" Step=0" Pitch=-265				09:46	CaPe	Qual = 4	FePeak=09:44	FePeak.c/s=9 Rast=240"x240"			XEN=826603
	10	1			Wavelength=2788A		Exp #=73944	Rast=180"x1"			", Yaw=+481"

Event #88/09/2		D0Y=266		SMM Pointing:	N30E42		Pitch=-400", Yaw	, Yaw=+560", Roll=0deg	]=0deg	H.Ang≈46deg
GOES HXRBS BCS	Start GOES 09:50 HXRBS 09:51:29 BCS 09:52	Peak 10:11 09:51:38 10:00	End times 10:20 : 09:51:45 10:07	Importance=C5 Peakc/s=61 CaPeak.c/s=25	Qua]=02 Qua]=01 Qua]= 1	Tot Cts=132 FePeak=09:58	MaxkeV=71 FePeak.c/s=16	#Peaks=1	.78	XEN=826604
UVSP Radio Radio	10:01 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Type/I cy (MHz)/F	ntensity: lux(sfu):	Wavelength=2788A V/3 245/820 410/74	Code=01	Exp #=73944	Rast=240 X240 Rast=180"x1"	Step=10" Step=0"	cad= 390s 1 Pitch=-265",	1.024s/p1xe1 ",Yaw=+481"
Event #88/09/2 GOES BCS FCS UVSP	went # = 21880 8/09/22,10:49 Start DES 10:42 CS 10:44 CS 10:38	DOY=266 Peak 10:49 10:52	End times 11:18 11:11	Importance=C4 CaPeak.c/s=86 Wavelength=2788A	Qual=01 Qual= 1 Code=00	FePeak=10:49 Exp #=73945	FePeak.c/s=21 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 3.8s Cad= 590s Pitch=-265"	XEN=826605 1.024s/pixel ", Yaw=+478"
Event (88/09/2	Event # = 9465 88/09/22,11:23	D0Y=266		SMM Pointing:	N30E42		Pitch=-400", Yaw=+550"	=+550", Rol	, Roll=Odeg	H.Ang=45deg
Optical	Start    11.10	Peak	mes	HaClass=1N	\$16E01	AR5156	Mac.=CAO	Carr.Lon.=352deg	=352deg	H.Ang=23deg
HXRBS UVSP	11:19:25 11:36	11:21:47	11:23:11	Importance=t5 Peakc/s=273 Wavelength=2788A	Qual=01	Tot Cts=10972 Exp #=73946	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=-264"	", Yaw=+472"
Event #88/09/2 GOES BCS FCS UVSP	t # = 21881 9/22,12:23 Start 12:20 12:23	DOY=266 Peak 12:23 12:24	End times 12:31 12:27	Importance=C3 CaPeak.c/s=29 Wavelength=2788A	Qual=01 Qual= 4 Code=01	FePeak=12:24 Exp #=73947	FePeak.c/s=14 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-263"	XEN=826606 1.024s/p'xel ", Yaw=+469"
Event 88/09/2	Event # = 9466 88/09/22,14:02	D0Y=266		SMM Pointing:	N28E42		Pitch=-363", Yaw=+563", Roll=Odeg	=+563", Rol	1=0deg	H.Ang=44deg
Optical Optical GOES HXRBS UVSP RAdio SV	3.4.1 al 13:51 13:58:43 13:46 Sweeps	41 41	4:17 4:00:29 ensity:	HaClass=SF HaClass=SF Importance=C3 Peakc/s=59 Wavelength=2788A V/2	S17W02 N28E37 Qual=01 Qual=01 Code=01	AR5156 AR5159 Tot Cts=784 Exp #=73949	Mac.=CA0 MaxkeV=71 Rast=180"x1"	Carr.Lon.=354deg Carr.Lon.=315deg Step=0" Pitch=	-226'	H. Ang=24deg H. Ang=41deg ", Yaw=+490"
Event 888/09/2	111 ~+2 14	DOY= Peak	nd times	HaClass=SF	N27E36	AR5159	Mac.=CRO	Carr.Lon.ª	≈315deg	H. Ang=40deg
BCS BCS UVSP	15:27 15:27 15:20	15:27	15:35	8A	Qual= 5 Qual= 5 Code=00	FePeak=15:27 Exp #=73951	FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s X Cad= 262s 1 Pitch=-226",	XEN=826607 1.024s/pixel ", Yaw=+480"

Event # 88/09/22	# = 21883 22,17:21	D0Y=266								
GOES BCS	Start 17:03 17:20	Peak 17:21 17:23	End times 17:49 17:27	Importance=C3 CaPeak.c/s=19	Qual=03 Qual= 2	FePeak=17:21	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=826608
UVSP	16:53			Wavelength=2788A		Exp #=73953	Kast=240"x240" Rast=180"x1"		Cad= 590s Pitch=-224"	1.024s/pixel ",Yaw=+471"
Event # 88/09/2	t # = 21884 9/22,18:55 Start	D0Y=266 Peak	End times							
Optica GOES BCS	18:49 18:56	18:55 18:56	19:12 19:00	HaClass=SF Importance=C2 CaPeak.c/s=20	\$18W05 Qual=01 Qual= 4	AR5156 FePeak=18:56	Mac.=CAO FePeak.c/s=7		7s	H.Ang=26deg XEN=826609
WSP UVSP	18:54			Wavelength=1375A	Code=00	Exp #=73956	Rast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s 1 Pitch=-350",	1.024s/pixel ',Yaw=+542"
Event #88/09/2	# = 9468 22,20:21	DOY=266		SMM Pointing:	N27E38		Pitch=-357", Yaw	, Yaw=+521", Roll=Odeg	l=0deg	H.Ang=41deg
GOES HXRBS UVSP	20:16 20:15:33 20:16	20:21 20:18:04	20:21:33	Importance=C4 Peakc/s=63 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=2581 Exp #=73959	MaxkeV=71 Rast=130"x130"	Step=5"	Pitch=-372"	, Yaw=+466"
Event 88/09/2	Event # = 9469 88/09/22,20:35	DOY=266		SMM Pointing:	N27E38		Pitch=-357", Yaw	, Yaw=+521", Roll=Odeg	l=0deg	H.Ang=41deg
Optica	J 30.30	70.2E	יון רווועס	HaClass=SF	N26E31		Mac.=DSO	Carr.Lon.=317deg	₃317deg	H.Ang=35deg
HXRBS	20:30:19 20:32	20:30:44	20:33:17	Peakc/s=59 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=846 Exp #=73961	MaxkeV=71 Rast=130"x130"	Step=5"	Pitch=-347"	, Yaw=+470"
Event 88/09/2	t # = 21885 9/22,20:45 Start	D0Y=266 Peak	End times							
SCS FCS	20:43 20:44	20:45 20:44	20:47 20:45	Importance=C2 CaPeak.c/s=18	Qual=01 Qual= 4	FePeak=20:44	FePeak.c/s=7	#Peaks=1	dt= 7.7s X	XEN=826610
UVSP UVSP	20:32			Wavelength≖1375A	Code=00	Exp #=73961	Rast=130"x130"		Pitch=-347"	, Yaw=+470"
L					88/09/23	3 D0Y=267				
Event # 88/09/2	# = 9470 23,00:55 Stant	00Y=267	End +imae	SMM Pointing:	N37E18		Pitch=-480", Yaw=+240"	=+240",Roll	,Roll=Odeg	H.Ang=34deg
Optica	]   	00.55	.37		N27E33	AR5159	Mac.=DSO	Carr.Lon.=313deg	-313deg	H.Ang=37deg
HXRBS	00:52:02 00:58	00:53:17	00:54:18	Peakc/s=60 Wavelength=1375A	Qual=01 Qual=01 Code=02	Tot Cts=917 Exp #=73980	MaxkeV=72 Rast=265"x265"	Step=5"	Pitch≖-473"	, Yaw=+13"
Event # 88/09/23	= 9471 ,04:25	D0Y=267		SMM Pointing:	N05W49		Pitch=-1", Yaw=-722", Roll=0deg	722", Roll=0	)deg	H.Ang=49deg
GOES HXRBS UVSP	04:21 04:23:02 04:24	04:25 04:23:22	04:23:54	Importance=C2 Peakc/s=56 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=222 Exp #=74000	MaxkeV=72 Rast=265"x265"	Step=5"	Pitch=+7",Yaw=-707"	aw=-707"

Event 88/09/	Event # = 9467 88/09/23,09:03	D0Y=267	+ TO CL	SMM Pointing:	S44E44		Pitch=+723", Yaw	, Yaw=+477", Rol	, Roll=Odeg	H. Ang=65deg
Optica	)           		<u>C</u>	HaClass=SF	N28E26	AR5159	Mac.=DSO	Carr.Lon.=315deg	=315deg	H.Ang=32deg
HXRBS UVSP	08:51 08:51:26 09:05	08:52:31	10:01 08:56:45	Importance=to Peakc/s=156 Wavelength=1375A	Qual=03 Qual=01 Code=02	Tot Cts=11318 Exp #=74027	MaxkeV=101 Rast=265"x265"	Step=5"	Pitch=+967"	", Үам=+493"
Event 88/09/	Event # = 21886 88/09/23,12:23 Start	00Y=267 Peak	End times	Ha Clace	NOTEOR	AD515Q	7. D.C.O.	nar   on =313deg	313460	H Ann=32deg
GOES GOES BCS	12:21 12:33	12:23 12:33	12:39 12:36	Importance=C2 CaPeak.c/s=18	Qual=05 Qual= 5	FePeak=12:33	FePeak.c/s=14		dt= 7.7s	XEN=826700
FCS UVSP	12:39			Wavelength=2788A		Exp #=74042	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-214	. 1.024s/pixel .4", Yaw=+343"
Event 88/09/	# = 9472 23,13:42	D0Y=267		SMM Pointing:	N28E29		Pitch=-349", Yaw=+411", Roll=Odeg	=+411", Rol	]=0deg	H.Ang=34deg
GOES HXRBS UVSP	Start 60ES 13:36 HXRBS 13:38:09 UVSP 13:14	13:42 13:38:23	End times 13:46 13:38:33	Importance=C1 Peakc/s=51 Wavelength=2788A	Qual=03 Qual=01	Tot Cts=216 Exp #=74043	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=_214"	", Үаw=+339"
					88/09/24	4 D0Y=268				
Event 88/09/	Event # = 21887 88/09/24,00:15 Start	DOY=268 Peak	End times							
Optical Optical			_	HaClass=SF HaClass=SF	\$38403 N22E19	AR5158 AR5162	Mac.=FAO	Carr.Lon.=336deg Carr.Lon.=314deg	=336deg =314deg	H.Ang=45deg H.Ang=24deg
BCS.	00:04	00:15 00:19	00:33 00:24	Importance=c3 CaPeak.c/s=19	Qual= 5	FePeak=00:19	FePeak.c/s=7		dt= 7.7s	XEN=826800
UVSP	00:20			Wavelength=1375A Code=02	Code=02	Exp #=74069	Rast=265"x265"	Ste	cad= 2023 1 Pitch=-473",	.0245/pixel Yaw=+13"
	00:26	00:27	8: 00		Qual= 4	Event # = 21000 FePeak=00:27		#Peaks=1	dt= 7.7s X	XEN=826801
UVSP	00:27			Wavelength=1375A		Exp #=74070	Rast=265"x265"	Step=5"	pitch=-473	", Yaw=+253"
Event 88/09/	# = 21889 /24,01:08 Start	DOY=268 Peak	End times							
GOES BCS	01:08	01:08		CaPeak.c/s=22	Qual=00 Qual= 5	FePeak=01:08	FePeak.c/s=7		dt= 7.7s	XEN=826802
WSP	01:08			Wavelength=1375A		Exp #=74077	Kast=240"x240" Rast=265"x265"	Step=15" Step=5"	cad= 2528 Pitch=-233	1.0245/plxel 3", Yaw=+253"
Event 88/09/	Event # = 21890 88/09/24,04:00 Start	) D0Y=268 Peak	End times	Ha Clace SE	N27E17	AP5150	Mac =DAT	Carrion =314den	=314den	H. Ang=25deg
GOES	03:56 03:58	04:00 03:59	04:01 04:03	Importance=C2 CaPeak.c/s=42	Qual=01 Qual= 1	FePeak=03:58	FePeak.c/s=15		dt= 7.7s	XEN=826803
FCS UVSP	03:50			Wavelength=1375A Code=00	Code=00	Exp #=74088	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s 1 Pitch=-333",	1.024s/pixel ",Yaw=+230"

Event # = 21891 88/09/24,08:47 88/09/24,08:47 Optical GOES 08:31 BCS 08:39 FCS 09:00	DOY=268 Peak 08:47 08:48	End times 15 09:03	HaClass=SF Importance=C2 CaPeak.c/s=42 Wavelength=2788A	N28E12 Qual=03 Qual= 1	AR5159 FePeak=08:50 Exp #=74097	Mac.=DAI FePeak.c/s=17 Rast=240"x240" Rast=180"x1"	Carr.Lon.=316deg #Peaks=1 dt= 7. Step=10" Cad= 5 Step=0" Pitch=	7s 90s -207	H.Ang=24deg XEN=826804 1.024s/pixe1 ", Yaw=+196"
Event # = 21892 88/09/24,12:06 Start GOES 12:02 BCS 12:07 FCS UVSP 12:08	D0Y=268 Peak 12:06 12:07	End times 12:22 12:10	Importance=C2 CaPeak.c/s=19 Wavelength=2788A	Qual=03 Qual= 4 Code=02	FePeak=12:07 Exp #=74101	FePeak.c/s=12 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-206"	XEN=826805 1.024s/pixel ", Yaw=+172"
Event # = 9473 88/09/24,13:47 Start Optical GOES 13:41 HXRBS 13:40:55 UVSP 13:41 Radio Sweeps	13 13 13	End times 14:09 13:43:44 tensity:	SMM Pointing: HaClass=1F Importance=C5 Peakc/s=286 Wavelength=2788A IV/1	N27E16 S15W29 Qual=03 Qual=01 Code=00	AR5156 Tot Cts=10046 Exp #=74103	Pitch=-340",Yaw=+237",Roll=Odeg Mac.=DAO Carr.Lon.=354de MaxkeV=101 Rast=180"x1" Step=0" Pitch	=+237",Roll=Odeg Carr.Lon.=354deg Step=O" Pitch=	]=0deg =354deg   Pitch=-205"	H.Ang=26deg H.Ang=36deg ", Yaw=+160"
Event # = 21893 88/09/24,15:18 0ptical GOES 15:08 BCS 15:17 FCS 15:16	3 D0Y=268 Peak 15:18 15:18	End times 15:29 15:21	HaClass=SF Importance=C2 CaPeak.c/s=30 Wavelength=2788A	2000	FePe	FePeak.c/s=10 Rast=240"x240" Rast=180"x1"	Carr.Lon.=301deg #Peaks=1 dt= 7. Step=15" Cad= 2 Step=0" Pitch=	=301deg	H.Ang=27deg XEN=826806 1.024s/pixe1 ",Yaw=+148"
Event # = 9474 88/09/25,00:50 Start Optical GOES 00:25 HXRBS 00:22:00 GRS 00:37 UVSP 00:37 Radio Sweeps Radio Frequenc	= 9474 .00:50 D0Y=269 tart Peak End timm 0:25 00:50 01:25 0:22:00 00:37:11 00:39:49 0:33:00 Type/Intensity eeps Type/Intensity Frequency(MHz)/Flux(sfu)	8 80 ···	SMM Pointing: N2 HaClass=28 S1 Importance=M2 QL Peakc/s=2499 QL Wavelength=1375A Cc II/3 III/3 IV/3 1415/310 2695/710	2 000 0 00	88/09/25 DOY=269 20E32 Pit. 18E67 AR5169 Mac ual=02 ual=13 Tot Cts=5.06E+5 Max cde=01 Exp #=74136 Ras 4995/410 8800/290 15400/170	ch=-238" .=BX0 kev=443 t=265"x2	,Yaw=+479",Roll=Odeg Carr.Lon.=252deg Flags=EG,DG 65" Step=5" Pitch=	]=0deg =252deg DG Pitch=-233	=0deg H.Ang=34deg 252deg H.Ang=71deg 1G Dur=420sec Pitch=-233", Yaw=+733"
Event # = 21894 88/09/25,01:42 Start GOES BCS 01:35 FCS UVSP 01:41	4 D0Y=269 Peak 01:42	End times 01:47	CaPeak.c/s=39 Wavelength=1375A	Qual=00 Qual= 4	FePeak=01:45 Exp #=74140	FePeak.c/s=6 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=+247"	XEN=826900 1.024s/pixel 7", Yaw=+793"

Event # = 9/60 88/09/25,01:54 Start	760 :54 D0Y=269 : Peak	69 End times	SMM Pointing:	\$25E38		Pitch=+481", Ya	Pitch=+481", Yaw=+540", Roll=Odeg	H.Ang=49deg
GOES HXRBS 01:54: UVSP 01:53		1 01:5	5 Peakc/s=69 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=314 Exp #=74142	MaxkeV=101 Rast=265"x265"	Flags=I " Step=5" Pitch=	Pitch=+487",Yaw=+553"
Event # = 9478 88/09/25,19:09 Start	DOY=2	69 Fnd + imag	SMM Pointing:	N27W00		Pitch=-337", Ya	,Yaw=+5",Roll=0deg	H.Ana=21dea
Optical 60ES 19:00		19:	^	N20E54	AR5168	Mac.=DSO	Carr.Lon.=255deg	
HXRBS 19:05: UVSP 18:59		19	Peakc/s=58 Wavelength=1375A	Qual=01 Code=00	Tot Cts=279 Exp #=74168	MaxkeV=72 Rast=10"x10"	Step=0" Pitch=	Pitch=-342", Yaw=-113"
Event # = 9475 88/09/25,21:59 Start	D0Y=2 Peak	69 End time	SMM Pointing:	N27W01		Pitch=-337", Ya	Pitch=-337", Yaw=-20", Roll=Odeg	H.Ang=21deg
Optical 60ES 21:52	21:59	22:03		N19W72 Oual=01	AR5164	Mac.=AXX	Carr.Lon.=20deg	H.Ang=71deg
HXRBS 21:56:31 UVSP 21:50	. 21:57	ស៊	Pea		Tot Cts=781 Exp #=74176	MaxkeV=101 Rast=10"x10"	Step=0" Pitch=-342"	-342", Yaw=-115"
Event # = 9476 88/09/25,22:07 Start	76 07 00Y=269 Peak	9 End times	SMM Pointing:	N27W01		Pitch=-337", Yaw=-20",	w=-20", Roll=0deg	H.Ang=21deg
Optical GOES 22:04	22:07	22:	HaClass=SF	N19W72	AR5164	Mac.=AXX	Carr.Lon.=19deg	H.Ang=71deg
HXRBS 22:05: UVSP 22:07	33 22:05	:47 22:07:31	Peakc/s=77 Wavelength=1375A	Qual=01 Code=02	Tot Cts=653 Exp #=74178	MaxkeV=72 Rast=10"x10"	Step=0" Pitch=-	Pitch=-342", Yaw=-112"
				88/09/26	OLC=VOO			
Event # = 94; 88/09/26.07:4	77 10 DOY=27(		CMM Dointing.	T (CO (CO				
Start	Peak			MZ/#U5		Pitch=-337", Ya	Pitch=-337", Yaw=-93", Roll=Odeg	H.Ang=21deg
HXRBS 07:37 UVSP 07:32	77:40 77:37	.26 07:37:30	Importance=C1 Peakc/s=62 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=291 Exp #=74219	MaxkeV=72 Rast=10"x10"	Step=0" Pitch=-258"	-258", Yaw=-126"
Event # = 9482 88/09/26,18:17 Start	32 .7 D0Y=270 Peak	End time	SMM Pointing:	N28W12		Pitch=-340", Yaw	, Yaw=-179", Roll=0deg	H.Ang=24deg
Optical GOES 18:16		18:21	HaClass=SF Importance=B8	N19E37 Oual=01	AR5168	Mac.=DAO	Carr. Lon. =259deg	H.Ang=38deg
HXRBS 18:17: UVSP 18:11	0 18	2	Peakc/s=89 Wavelength=1375A	Qual=01 Code=00	Tot Cts=269 Exp #=74237	MaxkeV=131 Rast=10"x10"	Step=0" Pitch≖-	Pitch=-321", Yaw=-264"
"= 948 :6,21:1 Start	3 9 D0Y=270 Peak	End times	SMM Pointing:	N27W14		Pitch=-339", Yaw	, Yaw=-203", Roll=0deg	H.Ang=24deg
1:12	21:19	21:32	HaClass=SF Importance=C1		AR5168	Mac.=DAO	Carr. Lon. =258deg	H.Ang≈39deg
21:16		[7]	c/s=65 ength=1375A	Qual=01 Code=00	Tot Cts=143 Exp #=74245	MaxkeV=72 Rast=265"x265"	Step=5" Pitch=-3	Pitch=-333",Yaw=-191"
								The state of the s

				28/00/27	7 DAY=271				
Event # = 21895 88/09/27,02:30 Start GOES 01:48 BCS 02:25 FCS 02:31	95 0 DOY=271 Peak 02:30 02:38	End times 03:10 02:51	Importance=C5 CaPeak.c/s=98 Wavelength=1375A	00 U	FePe Exp	FePeak.c/s=10 Rast=240"x240" Rast=265"x265"	#Peaks=2 Step=15" Step=5"	dt= 3.8s X Cad= 262s 1 Pitch=+247",	XEN=827100 1.024s/pixel ', Yaw=+643"
Event # = 12768 88/09/27,03:35 Start HXRBS 03:35:33 UVSP 03:35	68 5 D0Y=271 Peak 33 03:35:38	End times 3 03:36:14	SMM Pointing: Peakc/s=51 Wavelength=1375A	N27W17 Qual=01	Tot Cts=188 Exp #=74276	Pitch=-340", Yaw=-252",Roll=Odeg MaxkeV=365 Flags=NS,GB Rast=10"x10" Step=0" Pitch	=-252", Rol' Flags=NS,( Step=0"	-252",Roll=Odeg     Flags=NS,GB Step=0" Pitch=-373",	H.Ang≈26deg ',Yaw=-341"
Event # = 9479 88/09/27,06:47 Start Optical GOES 06:36 HXRBS 06:38:5 BCS 06:40 FCS 06:40 VYSP 06:28 RAdio Sweeps Radio Frequel	# = 9479 27,06:47 D0Y=271 Start Peak End timm 106:36 06:47 07:11 06:38:54 06:41:06 06:43:40 06:40 06:46 07:06 06:28 Type/Intensity Frequency(MHz)/Flux(sfu)	s c · · ·	SMM Pointing: HaClass=SN Importance=C5 PeakC/s=127 CaPeak.c/s=68 Wavelength=2788A	N27W18 N20W01 Qual=01 Qual=1 Qual= 1	Tot Cts=5623 FePeak=06:43 Exp #=74284	Pitch=-343", Yaw=-268", Roll=Odeg Carr.Lon.=291de MaxkeV=72 FePeak.c/s=14 #Peaks=1 dt= 7 Rast=240"x240" Step=10" Cad= Rast=180"x1" Step=0" Pitch	=-268", Roll=Odeg Carr.Lon.=291deg #Peaks=1 dt= 7. Step=10" Cad= 5 Step=0" Pitch=	9 .7s 590s =-209	H.Ang=27deg H.Ang=13deg XEN=827101 1.024s/pixe1 ", Yaw=-88"
Event # = 9480 88/09/27,07:22 Start Optical GOES 07:12 HXRBS 07:13:40 UVSP 07:27 HXRBS 07:27	80 22 D0Y=271 Peak E 07:22 1:40 07:14:37 C	ind times 77:38 77:19:50	SMM Pointing: HaClass=SF Importance=C5 PeakC/s=94 Wavelength=2788A	N27W19 S28E68 Qual=03 Qual=01 Code=02 Sociated	AR5171 Tot Cts=5193 Exp #=74285 Event # = 9481 Tot Cts=611	Pitch=-343" Mac.=HSX MaxkeV=72 Rast=180"x1 MaxkeV=131	,Yaw=-278",Roll=Odeg Carr.Lon.=221deg " Step=0" Pitch= Flags=M5	, Roll=Odeg   Lon.=221deg   Pitch=-209"   Pi	H.Ang=27deg H.Ang=74deg ', Yaw=-96"
Event # = 9484 88/09/27,08:52 Start Optical GOES 08:49 HXRBS 08:48:27 UVSP 09:02	84 52 DOY=271 Peak 08:52 :27 08:50:01	End times 09:10 08:51:28	SMM Pointing: HaClass=SF Importance=C3 PeakC/s=278 Wavelength=2788A	N27W20 S27E62 Qual=01 Qual=01	AR5171 Tot Cts=7224 Exp #=74287	Pitch=-343", Yaw Mac.=HSX MaxkeV=101 Rast=180"x1"	,Yaw=-288",Roll=Odeg Carr.Lon.=226deg " Step=0" Pitch=	,Roll=Odeg Lon.=226deg   0" Pitch=-209"	H. Ang=28deg H. Ang=69deg ', Yaw=-108"
Event # = 9485 88/09/27,09:58 Start Optical GOES 09:48 HXRBS 09:51:24 UVSP 09:36	85 58 D0Y=271 Peak 09:58 :24 09:52:46	End times 10:10 5 09:53:22	SMM Pointing: HaClass=2F Importance=M2 Peakc/s=383 Wavelength=2788A	N27W21 S23E63 Qual=02 Qual=11	AR5171 Tot Cts=7945 Exp #=74288	Pitch=-344", Yaw Mac.=HSX MaxkeV=131 Rast=180"x1"	,Yaw=-299",Roll=Odeg Carr.Lon.=225deg Flags=IS Step=O" Pitch=	,Roll=Odeg Lon.=225deg =IS Pitch=-209'	=0deg H.Ang=28deg 225deg H.Ang=68deg Pitch=-209", Yaw=-112"

eg H.Ang=29deg	deg H.Ang=32deg	Pitch=-210", Yaw=-124"	eg H.Ang=33deg	deg H.Ang=71deg		Pitch=-215",Yaw=-211"	bə	Pitch=-953",Yaw=-467"	b <sub>a</sub>	deg H.Ang≍61deg	Flags=M5,IS Step=5" Pitch=-953",Yaw=-467"		ba ba	Pitch=+727", Yaw=-707"			_	S S	SS	8s oos	8s 90s
', Yaw=-310", Roll=Odeg	Carr.Lon.=257deg	Step=0"	, Yaw=-397", Roll=0deg	Carr.Lon.=219deg	Flags=M5, IS	tep=0"	Pitch=-961", Yaw=-473", Roll=Odeg	Step=5"	, Yaw=-473", Roll=0deg	Carr.Lon.=229deg			Pitch=+723", Yaw=-724", Roll=Odeg	Step=5"		Carr. Lon. =214deg	Carr. Lon.	Carr.Lon.*	Carr.Lon.*	Carr.Lon.* #Peaks=1	Carr.Lon.= #Peaks=1 Step=10"
Pitch=-344"	Mac.=DSI	MaxkeV=72 Rast=180"x1"	Pitch=-350"	Mac.=HSX	6E+5 MaxkeV=443	Rast=180"x1" S 470 8800/640 15400/600	Pitch=-961"	MaxkeV=72 Rast=265"x265"	Pitch=-961"	Mac.=HSX	4 MaxkeV=131 Rast=265"x265"		Pitch=+723"	MaxkeV=72 Rast=265"x265"		Mac.=CKO					
21	30 AR5168	=03 =01 Tot Cts=496 =01 Exp #=74290	28	65 AR5171	=U3 =11 Tot Cts=8.36E+5	Exp #=74296 5 2695/310 4995/470		=00 =01 Tot Cts=198 Exp #=74304		53 AR5171	=03 =11 Tot Cts=8954 =01 Exp #=74304	88/09/28 DOY=272		=01 =01 Tot Cts=250 =00 Exp #=74357		59 AR5171			FePe		
SMM Pointing: N27W21	HaClass=SF	Importance=cz qual=03 Peakc/s=87 Qual=01 Wavelength=2788A Code=01	SMM Pointing: N28W28	HaClass=2B	Importance=m8 qual=U3 Peakc/s=3485 Qual=11	Wavelength=2788A 11/3 245/780 410/70 1415/95	SMM Pointing:	Qual=00 Peakc/s=62 Qual=01 Wavelength=1375A	SMM Pointing:	Class=28	importance=co qual=03 Peakc/s=439 Qual=11 Wavelength=1375A Code=01	)/88	SMM Pointing:	Importance=B7 Qual=01 Peakc/s=59 Qual=01 Wavelength=1375A Code=00							HaClass=SF SZ5E59 Importance=C3 Qual=O3 CaPeak.c/s=120 Qual= 1 Peak3c/s=41
+	בום ז	11:53:16 5 11:23:16		17.01	5 16:21:11	Intensity:		End times 2 19:32:26		בוות נווופט	19:41:45		• • • • • • • • • • • • • • • • • • •	06:32 06:25:37	End times		~~	~ ღ ⊘	13:09 12:32	~ ი ი	~ი
D0Y=271		11:23:05	D0Y=271 Deat	16.21	, 16:13:35 ,	Type/I cy (MHz)/F	D0Y=271		D0Y=271		19:42 5 19:40:03			06:27 06:27 5 06:25:28	5 D0Y=272 Peak		12:26	12:26 12:25	12:26 12:25	12:26 12:25 12:30	12:26 12:25 12:30
Event # = 9486 88/09/27,11:25	`	GUES 11:21 HXRBS 11:22:54 UVSP 11:11	Event # = 9487 88/09/27,16:21	Optical	HXRBS 16:03 FS 16:01:07	UVSP 15:53 Radio Sweeps Type/Intensity: Radio Frequency(MHZ)/Flux(sfu):	Event # = 9489 88/09/27,19:32	Start GOES HXRBS 19:31:53 UVSP 19:33	Event # = 9488 88/09/27,19:42	Optical	UVSP 19:33 UVSP 19:33		Event # = 9490 88/09/28,06:27	GOES 06:24 HXRBS 06:25:06 UVSP 06:24	Event # = 21896 88/09/28,12:26 Start	Optical	Optical GOES 12:12	Optical GOES 12:12 BCS 12:20	Optical GOES 12:12 BCS 12:20	Optical GOES 12:12 BCS 12:20 FCS	Optical GOES 12:12 BCS 12:20 FCS

31 36 DOY=272 SMM Pointing: Peak End times HaClass=SF	DOY=272 SMM Pointing: Peak End times HaClass=SF	SMM Pointing: End times HaClass=SF	ointing: Class=SF	N19E12 S25E49	I	AR5171	Pitch=-200", Yaw Mac.=CKO	,Yaw=+187",Roll=Odeg	, Roll=Odeg	H.Ang=17deg
19:06 19:29 Importance-C2 Qual=03 19:02:07 19:04:51 Peakc/s=102 Qual=01 Wavelength=1375A Code=00	19:06 19:29 Importance-C2 Qual=03 19:02:07 19:04:51 Peakc/s=102 Qual=01 Wavelength=1375A Code=00	19:29 Importance=C2 Qual=03 19:04:51 Peakc/s=102 Qual=01 Wavelength=1375A Code=00	tance=C2 Qual=03 c/s=102 Qual=01 ength=1375A Code=00	Qual=03 Qual=01 Qual=01 Code=00	μΩ	Tot Cts=3600 Exp #=74384	MaxkeV=72 Rast=200"x200"	carr.Lon. Step=5"	.=221deg Pitch=-226	22.1deg n.Ang=5/deg Pitch=-226",Yaw=+188"
Event # = 9492 88/09/28,23:12 DOY=272 SMM Pointing: \$28E51 Start Peak Fines	DOY=272 SMM Pointing:	SMM Pointing:	SMM Pointing:	\$28E51			Pitch=+510", Yaw	, Yaw=+658", Rol	, Roll=0deg	H.Ang=60deg
HaClass=38 HaClass=SF HaClass=SF 73:12 23:57 Tmoon+2000-146	HaClass=38 HaClass=SF HaClass=SF 73:12 23:57 Tmoon+2000-146	HaClass=3B HaClass=SF	HaClass=3B HaClass=SF	S27E48 N23E13		AR5171 AR5168	Mac.=CKO	Carr.Lon.=219deg Carr.Lon.=254deg	=219deg =254deg	H.Ang=57deg H.Ang=20deg
Qual=02 Qual=02 5A Code=02 20 2695/630	23:17:20 00:14:25 Peakc/s=128 Qual=02 Wavelength=1375A Code=02 y(MHz)/Flux(sfu): 606/310 1415/420 2695/630	14:25 Peakc/s=128 Qual=02 Wavelength=1375A Code=02 sfu): 606/310 1415/420 2695/630	Qual=02 Qual=02 5A Code=02 20 2695/630	Qual=03 Qual=02 Code=02 2695/630		Cts=33344 #=74389 5/850 8800/;	Tot Cts=33344 MaxkeV=193 Exp #=74389 Rast=265"x265" 4995/850 8800/1800 15400/1800	Flags=M5, Step=5"	Flags=M5,SN Step=5" Pitch=-473"	", Yaw=+133"
88/09/29		88/09/29	88/09/59	88/09/29	6	D0Y=273				
# = 21897 29,01:24 DOY=273 Start Peak End times	DOY=273 Peak End times	times								
00:51 01:24 01:50 CaPeak.c/s=41 Qual=00 Peak3c/s=25 Qual= 1 FePe 01:16 Wavelength=1375A Exp	Qual=00 :24 01:50 CaPeak.c/s=41 Qual= 1 Peak3c/s=25 Wavelength=1375A	Qual=00 CaPeak.c/s=41 Qual= 1 Peak3c/s=25 Wavelength=1375A	Qual=00 Qual= 1 75A	Qual=00 Qual=1	FeP	FePeak=01:22 Exp #=74401	FePeak.c/s=13 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=+456",	XEN=827300 1.024s/pixel ",Yaw=+622"
# = 21898 /29,02:27 D0Y=273 Start Peak End times	DOY=273 Peak End times	times								
02:27 02:27 02:39 CaPeak.c/s=19 Qual=00 Peak3c/s=14 Qual= 5 FePe 02:31 Wavelength=1375A Exp	.27 02:39 CaPeak.c/s=19 Qual=50 :31 Peak3c/s=14 Wavelength=1375A	Qual=00 CaPeak.c/s=19 Qual= 5 Peak3c/s=14 Wavelength=1375A	Qual=00 Qual= 5	Qual=00 Qual= 5	FeP. Exp	FePeak=02:32 Exp #=74404	FePeak.c/s=6 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 7.7s Cad= 590s Pitch=+520"	XEN=827301 1.024s/pixel ",Yaw=+647"
D0Y=273	D0Y=273	1.								
Start Peak End times 03:05 03:13 03:17 Importance=C2 Qual=01 03:10 03:10 03:17 Capeak.c/s=19 Qual= 4 FePe	Peak End times 03:13 03:17 Importance=C2 Qual=01 03:10 03:17 CaPeak.c/s=19 Qual= 4 03:15 Dask3 C/s=15	mes	tance=C2 Qual=01 c.c/s=19 Qual= 4		FePe	FePeak=03:12	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=827302
Wave	Wavelength=1375A Code=00	ength=1375A Code=00	ength=1375A Code=00		Ехр	#=74409	Rast=10"x240" Rast=10"x10"	Step=10" Step=0"	cad= 590s 1 Pitch=+492",	1.024s/pixel ",Yaw=+692"
Event # = 9493 88/09/29,06:04 D0Y=273 SMM Pointing: S28E47 Start Peak End times	DOY=273 SMM Pointing: Peak End times	SMM Pointing:	Pointing:	S28E47			Pitch=+514", Yaw	, Yaw=+623", Rol	, Roll=Odeg	H.Ang=57deg
HaClass=1F S27E48 HaClass=5F N20E08	HaClass=1F S27E48 HaClass=5F N20E08	HaClass=1F S27E48 HaClass=5F N20E08	S27E48			AR5171 AR5168	Mac.=CKO	Carr.Lon.=216deg Carr.Lon.=256deg	=216deg =256deg	H.Ang=57deg H.Ang=15deg
c/s=85 Qual=01 c.c/s=567 Qual=1	05:55:43 06:08:12 Peakc/s=85 Qual=03	06:08:12 Peakc/s=85 Qual=03 06:08:12 CaPeak.c./s=567 Qual=1	c/s=85 Qual=01 c.c/s=567 Qual=1		Tot FePe	Tot Cts=9647 FePeak=05:59		#Peaks=1	dt= 7.7s	XEN=827303
Peak3c/s=109 Wavelength=1375A Code=00 /Intensity: III/3	Peak3c/s=109 Wavelength=1375A Code=00 /Intensity: III/3	Peak3c/s=109 Wavelength=1375A Code=00 : III/3	c/s=109 ength=1375A Code=00		Ехр	Exp #=74419	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s 1 Pitch=+484",	1.024s/pixel ",Yaw=+642"

60ES Start 60ES 07:21 FCS 07:28 FCS 07:12	:28 :28	DUY=2/3 Peak 07:35 07:35 07:36	End times 07:59 07:46	Importance=C2 CaPeak.c/s=35 Peak3c/s=30 Wavelenth=2788A	Qual=01 Qual= 1 Code=00	FePeak=07:38 Exp #=74422	FePeak.c/s=14 Rast=240"x240" Rast=243"x243"	#Peaks=1 Step=10" Step=3"	dt= 7.7s Cad= 590s Pitch=+523"	dt= 7.7s XEN=827304 Cad= 590s 1.024s/pixel Pitch=+523",Yaw=+622"
	! !				88/09/30	) DOY=274				
Event # = 88/09/30, (Ges St. 60ES O5 FCS UVSP 05	# = 21901 '30,'05:13 Start 05:03 05:12	DOY=274 Peak 05:13 05:07	End times 05:14	CaPeak.c/s=45 Peak3c/s=14 Wavelength=1375A	Qua]=06 Qua]= 2	FePe Exp	FePeak.c/s=10 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=+488"	dt= 7.7s XEN=827400 Cad= 262s 1.024s/pixel Pitch=+488", Yaw=+852"
.vent # =	ı	D0Y=274	-	SMM Pointing:	S28E28		Pitch=+534", Yaw	, Yaw=+392", Rol	, Roll=Odeg	H.Ang=44deg
GOES 17 HXRBS 17 UVSP 17 Radio F	Start Peak 17:55 17:57 17:55:42 17:56: 17:28 Frequency(MHz)	Peak 17:57 17:56:13 :y(MHz)/Flo	end times 17:59 17:56:24 1x(sfu):	Importance=Cl Peakc/s=71 Wavelength=2788A 245/1300	Qua]=01 Qua]=01	Tot Cts=314 Exp #=74484	MaxkeV=131 Rast=180"x1"	Flags=I Step=0"	Pitch=+413",Yaw=+325	, Yaw=+325"
Event # = 9497 88/09/30,19:22		D0Y=274		SMM Pointing:	S28E28		Pitch=+534", Yaw	, Yaw=+392", Rol	, Roll=Odeg	H.Ang=44deg
tical		reak	ı tımes	HaClass=2N	\$27 <u>E</u> 25	AR5171	Mac.=EKO	Carr.Lon.=218deg	=218deg	H.Ang≈42deg
GOES 18 HXRBS 19 BCS 19 FCS 19 UVSP 19 Radio F	8:59 9:07:10 9:08 9:14 Frequenc	19:22 :10 19:07:29 19:19 19:16 uency(MHz)/F	20:21 19:25:27 20:05 lux(sfu):	Importance=M2	Qual=03 Qual=12 Qual= 1 Code=00 8800/42		MaxkeV=72 FePeak.c/s=199 Rast=240"x240" Rast=200"x200"	Flags=M5 #Peaks=1 Step=10" Step=5"	,SN,DG dt= 7.7s XI Cad= 590s 1 Pitch=+524",	XEN=827401 1.024s/pixe1 ",Yaw=+429"
BCS 20 FCS UVSP 20	20:06	20:06 20:06	1		Associated Qual= 5	Event # = 21902 FePeak=20:06 Exp #=74488	FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s x Cad=3840s Pitch=+542",	XEN=827402 3840s/pixel ', Yaw=+385"
144	# = 21903 /30,20:43 Start 20:42	28 8	End times	CaPeak.c/s=33	Qua]=00 Qua]= 4	FePeak=20:44	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=827403
FCS UVSP 20	4	21:10		Peak3c/s=19 Wavelength=1375A		Exp #=74488	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s 1 Pitch=+542",	1.024s/pixel ',Yaw=+385"
= # + 110-1	9449				88/10/01	1 D0Y=275				
10/01/s		DOY=275 Peak	Fnd times	SMM Pointing:	S28E24		Pitch=+537", Yaw=+350", Roll=Odeg	=+350", Rol	]=0deg	H.Ang=42deg
GOES 00:05 HXRBS 00:09:34 UVSP 00:10		00:12 00:10:45	00:14 00:11:35	Importance=C2 Peakc/s=58 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=542 Exp #=74494	MaxkeV=72 Rast=265"x265"	Step=5"	Pitch=+544"	, Yaw=+361"

BATTON   2500   BOY-275   Bod times   Batton   2000   Batton	HXRBS 00:06:4 UVSP 23:57	00:06:46 00:07:55 00:08:04 23:57	00:08:04	Peakc/s=53 Wavelength=1375A	sociated Qual=01	Event # = 9498 Tot Cts=377 Exp #=74493	MaxkeV=72 Rast=10"x10"	 Step=0"	 Pitch=+526"	, ,Yaw=+240"
00:18; 00:31   Havelength=1375A   Cade=00   Exp #=74495   Raske\u^2 Z   Pitch=496   Pitch=	<pre>svent # = 9500 38/10/01,00:18 Start</pre>	DOY=27 Peak	į	Pointing	S28E24		Pitch=+537", Yaw	r=+350", Rol	]=0deg	H.Ang≖42deg
DOY=275   Fire continues	ptical 0FS 00:14			HaClass=SF Importance=C9	N21W74	AR5166		Carr.Lon.	=314deg	H.Ang=73deg
DOY=275  End times  Maxelength=1375A  Gual=01  Gual=05  Gual=05  Gual=05  Gual=05  Gual=05  Gual=06  Gual=06  Exp #=74511  Rast=10"x10"  Exp #=74511  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=243"x243  Rast=243"x243  Step=0  Rast=180"x1  Rast=243"x243  Step=0  Rast=180"x1  Rast=180"x1  Rast=240", Yaw=+2EL  Rast=180", Yaw=+2EL  Rast=240", Yaw=+2EL  R	XRBS 00:14:0 VSP 00:15	00:14	00:15:38	Peakc/s=108 Wavelength=1375A			MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+496"	, Yaw=+31
04:48:06 04:48:13 PeakC/s=66 Qual=01 Exp #=74511 Rast=10'X10" Step=0" Pitch=+528	vent # = 9501 8/10/01,04:48 Start	DOY=27 Peak	-	Pointing	S28E22		Pitch=+539", Yaw	/=+316", Rol	l=0deg	H.Ang=41deg
DOY=275  Peak  HaClass=SF S27E23  AB5171  Hac.=DKI  Carr.Lon.=213deg  08:06  08:08  08:08  08:08  08:08  O8:08	DES XRBS 04:47:4 VSP 04:39	04:48	04:48	c/s=66 ength=137		Tot Cts=397 Exp #=74511	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+528"	,Yaw=+256"
08:06 08:22   HaClass=SF   S27E23   AR5171   Mac.=DKI   Carr.Lon.=213deg   08:08 08:08   CaPeak.C/s=25   Qua =01   EPeak=08:08   FePeak.C/s=14   FPeaks=1   dt= 7.7s   08:08 08:12   CaPeak.C/s=28   Qua =01   CaPeak.08   Rast=0"0"   Step=0"   Cad=840s   08:08   Mavelength=2788A   Cad=00   Exp #=74525   Rast=243"x243"   Step=3"   Pitch=+540"   007=275   Peak3C/s=10   Qua =01   CaPeak	vent # = 2190 8/10/01,08:06 Start	DOY=27 Peak	End times						¢	
08:12	ptical JES 07:59	90:80	08:22	lass=SF ance=C2	S27E23 0ual=01	AR5171	Mac.=DKI	Carr.Lon.		H.Ang=40deg
DOY=275   Wavelength=2788A Code=00   Exp #=74525   Rast=243"x243" Step=3"   Pitch=+547     DOY=275   End times   Fare	25 08:07	9:	08:17	c/s=25	Qual= 5		FePeak.c/s=14		dt= 7.7s	XEN=827500
DOY=275    Doy   Capeak   Cape	/SP 08:01			Wavelength=2788A	Code=00	#=74525	Rast=243"x243"		Pitch=+547"	, Yaw=+304"
Harring   Harr	/ent # = 9502 3/10/01,10:07 Start	D0Y=27	,, +	Pointing	S28E19		Pitch=+540", Yaw	=+282", Rol		H.Ang=39deg
10:03:26 10:07:09 Peakc/s=109 Qual=1 FePeak=10:06 Raste=22 #Peaks=1 dt= 3.8s	otical PS 00:55		2	lass=SF	\$27E20	AR5171	Mac.=DKI	Carr. Lon.		H.Ang=39deg
DOY=275	86.0	10:03	10:07:09 10:11	Peak/s=109 CaPeak.c/s=179	Qual=01 Qual=01 Qual= 1		MaxkeV=72 FePeak.c/s=42	#Peaks=1	dt= 3.8s	XFN=827501
DOY=275  End times  HaClass=SF Qual=01 11:32 11:36 Importance=C2 Qual=01 11:27:30 11:28:23 Peak.c.s=10 Qual=01 11:37:30 11:28:23 Peak.c.s=20 Qual=01 11:31 Mac.=DKI Carr.Lon.=222deg  HaClass=SF Qual=01 Tot Cts=1340 Raxkev=72 Raxt=240"x240" Step=10" S	.S /SP 10:06	10:03		Peak3c/s=70 Wavelength=2788A	Code=00	#=74527	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=+419"	1.024s/pixel ,Yaw=+205"
11:32	ent # = 9503 1/10/01,11:32 Start	D0Y=27	Fnd +imac	Pointing	S28E19		Pitch=+542", Yaw	=+271", Rol		H.Ang=39deg
11:27:30 11:28:23 Peak	otical		?		\$26E12	AR5171	Mac.=DKI	Carr.Lon.		H.Ang=35deg
Peak 3C/s=1b	11:26	11:27:	11:28:23 11:35				MaxkeV=72 FePeak.c/s=8	#Peaks=1	dt= 7.7s )	XEN=827502
D0Y=275 Peak End times HaClass=SF S25E18 AR5171 Mac.=DKI Carr.Lon.=216deg Qual=00 Qual=00 12:22 13:18 CaPeak.c/s=86 Qual= 5 FePeak=12:21 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=240"x240" Step=15" Cad= 262s 12:24 Wavelength=2788A Exp #=74530 Rast=180"x1" Step=0" Pitch=+420"	===	11:31		Peak3c/s=16 Wavelength=2788A		#=74529	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s   Pitch=+420",	1.024s/pixel ,Yaw=+194"
12:21	ent # = 2190 1/10/01,12:22 Start Start	DOY=27 Peak	times	Class=SF	\$25£18		Mac.=DKI			1. Ang=36deg
12:16 Wavelength=2788A Exp #=74530 Rast=180"x1" Step=0" Pitch=+420"	12:2	22	:18	.c/s=86 .c/s=19	Qual=00 Qual= 5		FePeak.c/s=9 Rast=240"x240"		7s 62s	(EN=827503
	12:1			Wavelength=2788A		#=74530	Rast=180"x1"		Pitch=+420",	Yaw=+189"

Event # =	- 1				0		paper   Date   D	104. Boll=04		H Ann=30ded
8/10/0		DOY=275	End +imes	SMM Pointing:	S28E18		γιτςη=+341", τα <b>ν</b>	=+239, k011=0a		n.Ariy-Jauey
GOES 13 HXRBS 13 UVSP 13	35a75 13:02 13:07:04 13:13	13:13 13:08:30	13:22 13:12:20	Importance=C3 (Peakc/s=79 (Wavelength=2788A)	Qual=01 Qual=01 Code=02	Tot Cts=2720 Exp #=74531	MaxkeV=72 Rast=180"x1"		Pitch=+420"	, Yaw=+182"
•	:04:18	13:05:00	13:05:58	A: Peakc/s=76	Associated Qual=01	Event # = 9808 Tot Cts=1320	maxkeV=72	•	•	
Event # = 88/10/01,	= 9504 19:38	D0Y=275		SMM Pointing:	S28E14		Pitch=+542", Yaw	, Yaw=+211", Roll=Odeg	jeg Jeg	H.Ang=37deg
St Optical	art	Peak		HaClass=1N	S27E11	AR5171	Mac.=DKI	Carr.Lon.=219deg	deg	H.Ang=35deg
GOES 19 HXRBS 19 UVSP 19 Radio F	):18 ):32:45 ):30 Frequence	19:38 19:33:47 :y(MHz)/F	19:18 19:38 19:46 19:32:45 19:33:47 19:34:30 19:30 Frequency(MHz)/Flux(sfu):	Importance=C5 Peakc/s=151 Wavelength=2788A 2695/48 4995/45	Qual=02 Qual=01 Code=01	Tot Cts=4436 Exp #=74539	MaxkeV=101 Rast=180"x1"	Step=0" Pit	Pitch=+421"	, Yaw=+135"
Event # = 9505 88/10/01,22:32	9505	D0Y=275	1	SMM Pointing:	S28E13		Pitch=+543", Yav	, Yaw=+187", Roll=0deg	leg	H.Ang=37deg
St Optical	tart	Peak	times	HaClass=SF	N16W23	AR5174	Mac.=BX0	Carr.Lon.=251deg	ideg	H.Ang=24deg
GOES 22 HXRBS 22 UVSP 22	22:28 22:29:33 22:26	22:32 22:29:5 <del>{</del>	22:39 5 22:31:07	Importance=C3 Peakc/s=63 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=795 Exp #=74550	MaxkeV=72 Rast=10"x10"	Step=0" Pit	Pitch=+482"	, Yaw=+103"
Event # 88/10/01	= 9506 ,23:32		•	SMM Pointing:	S28E12		Pitch=+543", Ya	, Yaw=+175", Roll=Odeg	deg	H.Ang=36deg
Start GOES 23:23 HXRBS 23:24:36	tart 3:23 3:24:36	Peak 23:32 23:25:17	End times 23:59 7 23:26:18	Importance=C3 Peakc/s=68	Qual=01 Qual=01	Tot Cts=658	MaxkeV=72			
					88/10/02	2 D0Y=276				
Event # = 9507 88/10/02,00:55	= 9507 ,00:55	D0Y=276		SMM Pointing:	S28E12		Pitch=+543",Ya	Pitch=+543",Yaw=+175",Roll=Odeg	deg	H.Ang=36deg
S Optical	tart	Peak	End times	HaClass=SF	\$27E04	AR5171	Mac.=DKI	Carr.Lon.=223deg	3deg	H.Ang=34deg
GOES HXRBS OR BCS O	00:48 00:51:47 00:53	00:55 00:51:5 00:54	01:16 3 00:55:04 01:07	Importance=C4 Peakc/s=375 CaPeak.c/s=156	Qual=01 Qual=02 Qual= 4	Tot Cts=7878 FePeak=00:54	MaxkeV=131 FePeak.c/s=36	Flags=SN #Peaks=1 dt= 3	= 3.8s	XEN=827600
	Frequen	Frequency(MHz)/	/Flux(sfu):	245/84 410/100 8	8800/160 15400/82	5400/82	Na31-240 AC40			
Event # = 9508 88/10/02,00:57	= 9508 ,00:57	D0Y=276		SMM Pointing:	S28E11		Pitch=+543", Yaw=+163",	w=+163", Roll=Odeg	bəp	H.Ang=36deg
GOES HXRBS 0	Start 00:56:51		End times 3 00:57:50	s Peakc/s=63	Qual=00 Qual=01	Tot Cts=411	MaxkeV=72			
Event # 88/10/02	= 9509 ,01:40		1	SMM Pointing:	S28E11		Pitch=+543", Ya	Pitch=+543",Yaw=+163",Roll=Odeg	geb	H.Ang=36deg
Start GOES 01:36 HXRBS 01:35:31	tart 11:36 11:35:31	Peak 01:40 01:36:	End times 01:55 50 01:39:30	s Importance=C3 Peakc/s=121	Qual=01 Qual=01	Tot Cts=3157	MaxkeV=72			

### ### ### ### ### #### #### #### #####	Event # = 9510 88/10/02,04:27	1	D0Y=276	Fnd + imps	SMM Pointing:	\$28E09	;	Pitch=+544",Yav	, Yaw=+139", Roll=Odeg	]=0deg	H.Ang=36deg
### Pointing: \$286.00   Pack    Optical		70.00	04.31	_	\$28E02	AR5171	Mac.=DKI	Carr.Lon.	=223deg	H.Ang=35deg	
Type/Intensity: Wavelength=1375A Code=00 Exp #=74554 Rast=10"x10" Step=0" Pitch=#598 NOV=276	HXRBS 04 BCS 04	45	04:25:03 04:26	3 04:28:05 04:33		Qual=01 Qual= 1	Tot Cts=89252 FePeak=04:25	MaxkeV=193 FePeak.c/s=93	Flags=M5 #Peaks=1	dt= 7.7s	XEN=827601
Pitch=+544", Yaw=+139", Roll=Odeg H H A42:40 04:43:33 Peakc/s=79 Qual=Ol Tot Cts=1572 Rast=10"x10" Step=0" Pitch=+498", Waw=+139", Roll=Odeg H H A42:40 04:43:33 Peakc/s=79 Qual=Ol Tot Cts=1572 Rast=10"x10" Step=0" Pitch=+498", Pakec/s=79 Qual=Ol Tot Cts=208 Rast=10"x10" Step=0" Pitch=+498", Pakec/s=85 Qual=Ol Tot Cts=208 Rast=10"x10" Step=0" Pitch=+503", Roll=Odeg H H Axee   Pakec/s=85 Qual=Ol Tot Cts=208 Rast=10"x10" Step=0" Pitch=+503", Roll=Odeg H H Axee   Pakec/s=85 Qual=Ol Tot Cts=200 Rast=10"x10" Step=0" Pitch=+503", Roll=Odeg H H Axee   Pakec/s=135 Qual=Ol Tot Cts=40000 Raxee   Pakec/s=135 Qual=Ol Tot Cts=40000 Raxee   Pakec/s=135 Qual=Ol Tot Cts=40000 Raxee   Pakec/s=135 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+342", Wave length=1375A Code=02 Exp #=74613 Rast=10"x10" Step=0" Pitch=+332", Roll=Odeg H Raxee   Pakec/s=80 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+332", Roll=Odeg H Raxee   Pakec/s=80 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+332", Roll=Odeg H Raxee   Pakec/s=80 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+332", Roll=Odeg H Raxee   Pakec/s=80 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+332", Roll=Odeg H Raxee   Pakec/s=80 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+332", Roll=Odeg H Raxee   Pakec/s=80 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+332", Roll=Odeg H Raxee   Pakec/s=80 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+399", Pakec/s=135 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+399", Pakec/s=135 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+399", Pakec/s=135 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+399", Pakec/s=135 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+399", Pakec/s=135 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+399", Pakec/s=135 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+399", Pakec/s=135 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+399", Pakec/s=135 Qual=Ol Tot Cts=614 Rast=10"x10" Step=0" Pitch=+399", Pakec/s=135 Qual=Ol Tot Cts=614	o 3	:26 eps requenc	Type/1 y(MHz)/F	<pre>Intensity: flux(sfu):</pre>	Wavelength=1375A III/2 245/73 8800/290	Code=00 15400/210		Rast=10"x10"	Step=10	cau= 390s Pitch=+538'	1.0245/p1xe1 ", Yaw=+21"
04:42:40 04:43:33 PeakC/s=79 Qual=06	Event # = 88/10/02,		D0Y=276	somit has	1	S28E09		Pitch=+544", Ya	w=+139", Rol	]=0deg	H.Ang=36deg
Discription	GOES HXRBS 04 UVSP 04	:41:13 :43	04:42:4C	2	Peakc/s=79 Wavelength=1375A	Qual=06 Qual=01	Tot Cts=1572 Exp #=74556	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+498'	", Yaw=+104"
10	Event # = 88/10/02,	9512 05:47	DOY=276		S.	S28E09		Pitch=+544", Ya	w=+127", Rol	]=0deg	H.Ang=36deg
88/10/03         D0Y=277         88/10/03         D0Y=277         Pitch=+302", Yaw=+793", Roll=Odeg         H           Peak         HaClass=SF         S28W11         AR5171         Mac.=DKI         Carr.Lon.=222deg         H           P5:26         Bo5:34         Importance=C7         Qual=01         Tot Cts=40000         MaxkeV=162         Flags=M5,I           P5:26:23         O5:32:09         Wavelength=1375A         Code=02         Exp #=74613         Rast=10"x10"         Step=0"         Pitch=+342",I           P6:26:23         O5:32:09         Qual=01         Tot Cts=614         MaxkeV=72         Flags=H5,I         Pitch=+342",I           P6:47:20         O5:48:17         PeakC/s=60         Qual=01         Tot Cts=614         MaxkeV=72         Flags=I         Pitch=+332", Roll=0deg         H           P6:47:20         O5:48:17         PeakC/s=60         Qual=01         Tot Cts=614         MaxkeV=72         Flags=I         Pitch=+352", Roll=0deg         H           P6:47:20         O5:48:17         PeakC/s=60         Qual=01         Tot Cts=614         Rast=10"x10" Yaw=749", Roll=0deg         H           P6:47:20         SWM Pointing:         S15E54         Pitch=+309", Yaw=749", Roll=0deg         H           P6:47:20         SWM Pointing: </td <td>GOES OF HXRBS OF UVSP OF</td> <td>:44 :46:25 :43</td> <td>05:46:36</td> <td>05:53 5 05:46:44</td> <td></td> <td>Qual=01 Qual=01 Code=00</td> <td>Tot Cts=208 Exp #=74558</td> <td>MaxkeV=72 Rast=10"x10"</td> <td>Step=0"</td> <td>Pitch=+503'</td> <td>", Yaw=+92"</td>	GOES OF HXRBS OF UVSP OF	:44 :46:25 :43	05:46:36	05:53 5 05:46:44		Qual=01 Qual=01 Code=00	Tot Cts=208 Exp #=74558	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+503'	", Yaw=+92"
Peak End times HaClass=SF S28W11 AR5171 Mac.=DKI Carr.Lon.=222deg H O5:28 05:34 Importance=C7 Qual=O1 Tot Cts=40000 Maxkev=162 Flags=M5,I Wavelength=1375A Code=O2 Exp #=74613 Rast=10"x10" Step=O" Pitch=+342", Cy(MHz)/Flux(sfu): 245/350 606/310 Qual=O1 Tot Cts=614 Maxkev=72 Step=O" Pitch=+342", Cy(MHz)/Flux(sfu): 245/350 606/310 Qual=O1 Tot Cts=614 Maxkev=72 Flags=I Haps=I Happer I Hap						88/10/0					
DOY=277    Maxel   Times   Maxel   Max	Event # = 88/10/03,		D0Y=277		₩.	S15E59		Pitch=+302",Ya	#=+793", Rol	]=0deg	H.Ang=62deg
DOY=272	Optical Of	art 23	reak S	End times		\$28W11	AR5171	Mac.=DKI	Carr.Lon.	=222deg	H.Ang=36deg
DOY=277  Peak  End times  Qual=00  O5:47:20 O5:48:17  Wavelength=1375A  Exp #=74615  Peak  DOY=277  SMM Pointing: S15E54  Peak  End times  HaClass=1N  S28W15  Peak  Type/Intensity: II/3  Type/Intensity: II/3  AR5171  Pitch=+309", Yaw=+793", Roll=Odeg H  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Step=0"  Pitch=+369", Yaw=+749", Roll=Odeg H  Pitch=+309", Yaw=+749", Roll=Odeg H  Carr.Lon.=222deg H  Wavelength=2788A  Exp #=74623  Rast=180"x1"  Step=0"  Pitch=+189", Pitch=+189", Roll=Odeg H  Anxkev=77  Rast=180"x1"  Step=0"  Pitch=+189", Pitch=+18	HXRBS OF UVSP OF Radio	:23:40:29 :29 requenc	05:26:23 05:26:23 y(MHz)/F	05:34 3 05:32:09 7]ux(sfu):	Importance=L/ Peakc/s=1325 Wavelength=1375A 245/350 606/310	Qual=01 Qual=01 Code=02	Tot Cts=40000 Exp #=74613	MaxkeV=162 Rast=10"x10"	Flags=M5, Step=0"		", Yaw=+772"
Oual=00 05:47:20 05:48:17 Peakc/s=60 Qual=01 Tot Cts=614 MaxkeV=72 Flags=I Pitch=+352", Wavelength=1375A Exp #=74615 Rast=10"x10" Step=0" Pitch=+352", D0V=277 SWM Pointing: S15E54 Peak End times HaClass=1N S28W15 AR5171 Mac.=DKI Carr.Lon.=222deg HaClass=1N Qual=00 Tot Cts=143 MaxkeV=72 Flags=I Pitch=+189", Type/Intensity: 11/3 Arshing Arsh	Event # = 88/10/03,	1	D0Y=277	Fnd times	SME	S15E59		Pitch=+302", Yaw	#=+793", Rol	]=0deg	H.Ang=62deg
= 9821 \$\text{13:39 DOY=277} \text{SMM Pointing:} \text{S15E54} \text{Pitch=+309", Yaw=+749", Roll=0deg} \text{H} \text{Start Peak End times} \text{HaClass=1N \$28\text{M15} AR5171 Mac.=DKI Carr.Lon.=222deg} \text{H} \text{Hac.=DKI Carr.Lon.=222deg} \text{H} \text{Mac.=DKI Carr.Lon.=222deg} \text{H} \text{MaxkeV=72} \text{Flags=1} \text{MaxkeV=72} \text{Flags=1} \text{MaxkeV=72} \text{Flags=1} \text{MaxkeV=72} \text{Flags=1} \text{MaxkeV=72} \text{Flags=1} Pitch=+189", Pitc	GOES HXRBS OE UVSP O5		05:47:20	05:48:17		Qual=00 Qual=01	Tot Cts=614 Exp #=74615	MaxkeV=72 Rast=10"x10"	Flags=I Step=0"	Pitch=+352'	", Yaw=+756"
13:39:29 13:39:33 13:39:42 Peakc/s=71 Qual=00 Qual=01 Tot Cts=143 MaxkeV=72 Flags=I Qual=01 Tot Cts=143 MaxkeV=72 Flags=I Qual=01 Tot Cts=143 MaxkeV=72 Flags=I Wavelength=2788A Exp #=74623 Rast=180"x1" Step=0" Pitch=+189" Flags=I Step=0" Pitch=+189"	Event # = 88/10/03,	1	DOY=277		SMM	S15E54		Pitch=+309", Yaw	w=+749", Rol	1=0deg	H.Ang=57deg
3:39:29 13:39:33 13:39:42 Peakc/s=71 Qual=01 Tot Cts=143 MaxkeV=72 Flags=I 13:46 Wavelength=2788A Exp #=74623 Rast=180"x1" Step=0"   Maxelensity: II/3	Optical		ת מ		HaClass=1N	\$28W15	AR5171	Mac.=DKI	Carr.Lon.	=222deg	H.Ang≕37deg
	HXRBS 13 HXRBS 13 UVSP 13 Radio Swe	:39:29 :46 eps	13:39:3: Type/1	~ ~ ~ ~	Peakc/s=71 Wavelength=2788A 11/3 245/310 410/360	ual=01 ual=01	Tot Cts=143 Exp #=74623 8800/150	MaxkeV=72 Rast=180"x1"	Flags=I Step=0"	Pitch≖+189'	", Yaw=+675"

Event # = 9516 88/10/03,15:12 Start	6 2 DOY=277 Peak	Fnd +imes	SMM Pointing:	S28W13		Pitch=+542", Yaw=-184"	184", Roll	, Roll=Odeg	H.Ang=37deg
Optical Section 15:04		15.41	HaClass=2B	\$27W16	AR5171	Mac.=DKI	Carr.Lon.=222deg	=222deg	H.Ang=37deg
HXRBS 15:11:14 GRS 15:12:00	14 15:11:18	15:24:20	Peakc/s=52070		Tot Cts=5.22E+6	MaxkeV=603	Flags=M5,EN,SA		100
BCS 15:11 FCs	15:14	15:25	CaPeak.c/s=7896	Qual= 5	FePeak=15:12	FePeak.c/s=6188	#Peaks=1	dt= 3.8s	XEN=827700
UVSP 15:20	T/eu/T	ntone it.	Wavelength=2788A Code=02	Code=05	Exp #=74625	Rast=180"x1"	Step=15" Step=0"	.ad= 2628 Pitch=+421"	1.024s/plxel ", Yaw=-260"
Radio Frequ	Frequency (MHz)/Flux(sfu):	lux(sfu):		0 606/400	74300 410/4900 606/400 1415/660 2695/960 4995/1800 8800/3200 15400/5300	60 4995/1800 880	00/3200 1540	00/2300	
Event # = 9517 88/10/03,16:08 Start	7 8 DOY=277 Poat	End times	SMM Pointing:	S28W13		Pitch=+541", Yaw=-196", Roll=Odeg	/=-196", Roll	l=0deg	H.Ang=37deg
Optical Continue			HaClass=SF	\$24W13	AR5171	Mac.=DKI	Carr.Lon.=218deg	=218deg	H.Ang=33deg
	16:07:53 16:08:27 16:08:33 15:54	16:08:33	Peakc/s=93 Wavelength=2788A	Qual=01	Tot Cts=541 Exp #=74626	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+420",Yaw=-265	, Yaw=-265"
Event # = 22546 88/10/03,16:09 Start	46 9 DOY=277 Peak	Fnd times							
GOES 3527 5 BCS 16:01	16:09	16:58	CaPeak.c/s=53	Qual=00 Qual= 1	FePeak=16:09	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=827701
UVSP 15:54			Wavelength=2788A		Exp #=74626	Kast=240"x240" Rast=180"x1"	Step=10" Step=0"	_	1.024s/pixel ',Yaw=-265"
Event # = 9518 88/10/03,16:13	8 3 DOY=277 Peak	Fnd +imos	SMM Pointing:	S28W13		Pitch=+541", Yaw=-196", Roll=Odeg	/=-196", Roll	l=0deg	H.Ang=37deg
Optical Confidence			HaClass=SF	\$24W13	AR5171	Mac.=DKI	Carr.Lon.=218deg	-218deg	H.Ang≈33deg
HXRBS 16:12:58 JUNSP 15:54	58 16:13:08	16:13:08 16:13:30	Peakc/s=75 Wavelength=2788A	Qual=01	Tot Cts=224 Exp #=74626	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+420",Yaw=-265"	, Yaw=-265"
Event # = 982, 88/10/03,17:5.	10Y=277	Fod +impo	SMM Pointing:	S28W14		Pitch=+541", Yaw=-208", Roll=Odeg	=-208", Roll	=0deg	H.Ang=37deg
GOES 17:50 1 HXRBS 17:51:09 1 BCS 17:35 1	7:53 7:51:57 7:53	18:20 17:53:22 18:32	Importance=C4 Peakc/s=62 CaPeak.c/s=43	Qual=03 Qual=01 Qual= 1	Tot Cts=419 FePeak=17:53	MaxkeV=72 FePeak.c/s=9	-	dt= 7.7s	XEN=827702
UVSP 17:29			Wavelength=2788A		Exp #=74628	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=3840s Pitch=+420"	3840s/pixel ,Yaw=-22"

	88/10/03,19:17 D	DOY=277 Peak	Fnd times	SMM Pointing:	S28W15		Pitch=+541",Yaw	, Yaw=-220", Roll=Odeg	1=0deg	H.Ang≈37deg
Optical Optical		, F	_	HaClass=SN HaClass=SF	S28W18 S23W58	AR5171 AR5169	Mac.=DKI	Carr.Lon.=221deg Carr.Lon.=261deg		H.Ang≈39deg H.Ang=64deg
	19:10 19:12:38 1 19:13	19:17 19:13:00 19:16	19:20:25 20:04	Importance=co Peakc/s=1230 CaPeak.c/s=372	Qual=01 Qual=01 Qual= 1	Tot Cts=39925 FePeak=19:16	MaxkeV=193 FePeak.c/s=84	Flags=M5 #Peaks=1	dt= 3.8s	XEN=827703
Q.0.0	02 ps equency	Type/I	19:02 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Wavelength=2788A ( III/1 15400/100	Code=01	Exp #=74630	Rast=180"x1"		$\sim$	1.0245/p1xe1 ",Yaw=-34"
	1	D0Y=277 Peak	End times	SMM Pointing:	\$28W15		Pitch=+541", Yaw=-220", Roll=Odeg	=-220", Rol	]=0deg	H.Ang=37deg
HXRBS 19: UVSP 20:	19:58:47 1 20:01	19:59:00	19:59:33	Peakc/s≖59 Wavelength=2788A	Qual=01	Tot Cts=217 Exp #=74631	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+420", Yaw=-41	', Yaw=-41"
Event # = 9521 88/10/03,21:00		DOY=277		SMM Pointing:	S28W16		Pitch=+540", Yaw=-231", Roll=Odeg	=-231", Rol	1=0deg	H.Ang=38deg
Optical Optical		. מא ס	Ellu Cillies	HaClass=1F HaClass=SN	N21W57 S29W17	AR5168 AR5171	Mac.=DAI	Carr.Lon.=260deg Carr.Lon.=220deg		H.Ang=57deg H.Ang=39deg
HXRBS 20: BCS 20:	20:52:51 2 20:53:51 2 20:53 2	20:54:23 20:59	21:05:32 21:40	Importance=co Peakc/s=965 CaPeak.c/s=369	Qual=01 Qual=01 Qual= 1	Tot Cts=72650 FePeak=20:58	MaxkeV=162 FePeak.c/s=88	#Peaks=1	dt= 3.8s	XEN=827704
UVSP 20: Radio Fr	50 equency	(MHz)/F	20:50 Frequency(MHz)/Flux(sfu):	Wavelength=1375A 15400/130	Code=00	Exp #=74633	Kast=U"xU" Rast=10"x10"	Step=0" Step=0"	_	384US/plxel ',Yaw=-247"
Event # = 9522 88/10/03,22:37	1	D0Y=277	Fnd +imes	SMM Pointing:	S28W17		Pitch=+540", Yaw	, Yaw=-243", Roll	, Roll=Odeg	H.Ang=38deg
Optical Optical		2.37	22.63	HaClass=SF HaClass=SF	S26W19 N22W57	AR5171 AR5168	Mac.=DKI	Carr.Lon.=221deg Carr.Lon.=259deg		H.Ang=37deg H.Ang=57deg
HXRBS 22:1	22:28:44 2 22:22 2	22:30:12 22:36	22:40:24 23:12	Peakc/s=233 CaPeak.c/s=506	Qual=11 Qual=11 Qual= 1	Tot Cts=41817 FePeak=22:35	MaxkeV=131 FePeak.c/s=114		t= 3.8s	XEN=827705
22	:25			Wavelength=1375A	Code=00	Exp #=74639	Rast=10"x10"	Step=0"	_	., Yaw=-294"
Event # = 9523 88/10/03,22:42 Start		D0Y=277	Find + impex	SMM Pointing:	S28W17		Pitch=+540", Yaw=-243", Roll=Odeg	=-243", Rol	]=0deg	H.Ang=38deg
GOES HXRBS 22:41: UVSP 22:41		22:42:43		Peakc/s=104 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=3409 Exp #=74641	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+519",Yaw=-311"	, Yaw=-311"

Event # 21908 88/10/03,23:12 Start 60ES 23:12 FCS 23:12 UVSP 22:58	. D0Y=277 Peak 23:12	End times 23:14	CaPeak.c/s=24 Wavelength=1375A	Qua]=00 Qua]= 5	FePeak=23:12 Exp #=74643	FePeak.c/s=9 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=3840s Pitch=+519",	XEN=827706 3840s/pixel ", Yaw=-313"
Event # = 9524 88/10/03,23:36 Start Optical GOES 23:25 HXRBS 23:56:32	D0Y=277 Peak 23:36 22:356:41	End times 23:55 23:56:50	SMM Pointing: HaClass=2B Importance=X1 PeakC/s=52	\$28W17 \$27W20 Qua]=05 Qua]=01	AR5171 Tot Cts=107		=-255" Carr.		H. Ang=38deg H. Ang=39deg
3CS 23:51 FCS 23:56 JVSP 23:56	23:51	00:20	<	Qual= 5 88/10/04	EX dep	FePeak.c/s=24 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 3.8s Cad= 590s Pitch=+547"	XEN=827711 1.024s/pixel ", Yaw=-243"
Event # = 9526 88/10/04,00:19 Start	) D0Y=278 Peak	End times	SMM Pointing:	S28W17		Pitch=+540", Yaw	, Yaw=-255", Rol	, Roll=Odeg	H.Ang=38deg
GOES HXRBS 00:19:43 UVSP 00:16		00:19:49 00:19:55	Peakc/s=46 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=56 Exp #=74647	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch≈+548"	", Yaw=-312"
Event # = 21907 88/10/04,00:30 Start GOES BCS 00:20 FCS UVSP 00:28	7 00:30	End times 00:48	CaPeak.c/s=27 Wavelength=1375A	Qual=00 Qual= 1	FePeak=00:20 Exp #=74648	FePeak.c/s=8 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 7.7s X Cad= 590s 1 Pitch=+546",	XEN=827810 1.024s/pixel ", Yaw=-247"
Event # = 21908 88/10/04,01:37 Start GOES BCS 01:26 FCS UVSP 01:33	98 7 DOY=278 Peak 01:37	End times 02:14	1	Qua]=00 Qua]= 4	FePeak=01:45 Exp #=74651	FePeak.c/s=14 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=+543",	XEN=827800 1.024s/pixel ", Yaw=-322"
Event # = 9525 88/10/04,03:04 Start Optical		End times		\$28W19 \$26W24	AR5171	Pitch=+538", Yaw Mac.=EKI	, Yaw=-278", Roll=Odeg Carr.Lon.=223deg	,Roll=Odeg Lon.=223deg	H.Ang=39deg H.Ang=40deg
GOES 02:53 HXRBS 02:57:22 BCS 02:59 FCS 03:03 WVSP 03:03 Radio Sweeps	02:53 03:04 03:46 02:57:22 02:57:44 03:14:30 02:59 03:02 03:36 03:03 Type/Intensity:		Importance=#1 qual=U3 Peakc/s=157 qual=01 CaPeak.c/s=501 qual= 1 Wavelength=1375A Code=00 111/3 V/2	Qual=03 Qual=01 Qual= 1 Code=00	Tot Cts=18496 FePeak=03:00 Exp #=74656	MaxkeV=131 FePeak.c/s=124 Rast=240"x240" Rast=265"x265"	Flags=M5 #Peaks=1 Step=10" Step=5"	dt= 3.8s X Cad= 590s 1 Pitch=+546",	XEN=827801 1.024s/pixe1 ", Yaw=-266"

!	<u></u>	_			<del></del>											
XEN=827802	1.024s/pixel ', Yaw=-271"	H.Ang=39deg	', Yaw=-312"	XEN=827803	1.024s/pixel ', Yaw=-162"	H.Ang=43deg	, Yaw=-184"	H.Ang=44deg	H.Ang=36deg	, Yaw=-455"		H.Ang=46deg	,Yaw=-510"	H.Ang=47deg	H.Ang=46deg	,Yaw=-514"
•		, Roll=Odeg	Pitch=+487"	<b>I</b>	Cad= 262s Pitch=+414"	,Roll=Odeg	Pitch=+413"	1=0deg	=159deg	Pitch=+471"		, Roll=0deg	Pitch=+462"	, Roll=Odeg		Pitch=+467"
•	" Step=10" " Step=5"	, Yaw=-289", Rol	Flags=I Step=0"	1	Step=15" Step=0"	, Yaw=-370", Rol	Step=0"	, Yaw=-403", Roll=0deg	Carr.Lon.≖159deg	Step=0"		, Yaw=-452", Rol	Step=0"	, Yaw=-472", Roll	Carr.Lon.=220deg	Flags=M5 Step=0"
FePeak.c/s=6	Rast=240"x240" Rast=265"x265"	Pitch=+538", Y	MaxkeV=72 Rast=10"x10"	ePeak.c/s=9	Rast=240"x240" Rast=180"x1"	Pitch=+534", Ya	MaxkeV=72 Rast=180"x1"	Pitch=+532", Ya	Mac.≖EKO	MaxkeV=72 Rast=10"x10"		Pitch=+529",Ya	MaxkeV=72 Rast=10"x10"	Pitch=+527", Ya	Mac.=CKO	MaxkeV=225 Rast=10"x10"
Event # = 21909 FePeak=03:36	Exp #=74660		Tot Cts=152 Exp #=74665	FePeak=13:01	Exp #=74673 F 15400/220		Tot Cts=335 M Exp #=74677 R	<b>a</b> .	AR5175 M	Tot Cts=93 M Exp #=74691 R	D0Y=279	α.	Tot Cts=557 M Exp #=74723 R	<b>a</b>	AR5171 M	Tot Cts=2.13E+5 M
Associated Qual= 4	_	S28W20	Qual=06 Qual=01	Qua]=05 Qua]= 7	8800/300	S28W26	Qual=01 Qual=01 Code=01	S28W28	S14E30	Qual=01 Qual=01 Code=00	88/10/05	\$28W32	Qual=01 Qual=01 Code=00	S28W34	S23W36	Qual=01 Code=00 8800/420
A CaPeak.c/s=24	Wavelength=1375A	SMM Pointing:	Peakc/s=69 Wavelength=1375A	Importance=M2 CaPeak.c/s=65	Wavelength=2788A 2695/68 4995/140	SMM Pointing:	Importance=C1 Peakc/s=78 Wavelength=2788A	SMM Pointing:	HaClass=SF	Peakc/s=65 Wavelength=1375A		SMM Pointing:	Importance=C2 Peakc/s=52 Wavelength=1375A	SMM Pointing:	HaClass=1B Importance=M3	.c/s=1098 :ngth=1375A 20 4995/23(
03:55		End times	05:	End times 13:21 13:19	lux(sfu):	Fnd +imac	15:54 15:37:58	Fnd times		20:47:07			05:06 04:40:57	End times		
03:37		D0Y=278 Peak	, 05:06:04	00Y=278 Peak 12:38 13:02	12:16 Frequency(MHz)/Flux(sfu)	D0Y=278	15:39 15:37:31	D0Y=278 Peak	20:49	20:46:55		279	04:49 04:39:37	D0Y=279 Peak	06:21 (	06:13:27 06:16:01 06:25:20 06:09 Frequency(MHz)/Flux(sfu):
03:36	03:36	Event # = 9824 88/10/04,05:06 Start	05:05:57 04:58	Event # = 21910 88/10/04,12:38 Start GOES 12:19 BCS 12:27		# = 9528 '04, 15:39 Start	GOES 15:37 HXRBS 15:37:21 UVSP 15:23	Event # = 9529 88/10/04,20:49 Start	20:43	20:46:46 20:37	# - 0530	05,04:49 Start	GOES 04:39 HXRBS 04:38:54 UVSP 04:43	Event # = 9527 88/10/05,06:21 Start	1 06:13	06:13:27 06:09 Frequenc
. SS.	UVSP	Event 88/10/	GOES HXRBS UVSP	Event 88/10/ 60ES BCS ECS	UVSP Radio	Event 88/10/	GOES HXRBS UVSP	Event 88/10/	Optica GOES	HXRBS UVSP	1,000	88/10/	GOES HXRBS UVSP	Event   88/10/(	Optical GOES (	HXRBS UVSP Radio

Event # = 88/10/05,	9533 13:32	D0Y=279		SMM Pointing:	S28W37		Pitch=+523", Yaw=-516", Roll=Odeg	516", Roll		H.Ang=50deg
GOES HXRBS UVSP	art :29 :31:12	Peak 13:32 13:31:22	End times 13:42 13:31:51	Importance=C2 Peakc/s=61 Wavelength=2788A	Qual=03 Qual=01 Code=01	Tot Cts=174 Exp #=74748	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+403",Yaw=-330"	Yaw=-330"
Event # 88/10/0	Į.	D0Y=279		SMM Pointing:	S28W37		Pitch=+523",Yaw=-516",Roll=Odeg	=-516", Roll		H.Ang=50deg
GOES HXRBS UVSP	Start S 14:19 BS 14:18:33 P 14:18	Peak 14:22 14:19:19	End times 14:52 14:21:20	Importance=C2 Peakc/s=152 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=4441 Exp #=74749	MaxkeV=132 Rast=180"x1"	Step=0"	Pitch=+402", Yaw=-337"	, Yaw≖-337"
Event #88/10/(		D0Y=279		SMM Pointing:	S26W44		Pitch=+488", Yaw=-597", Roll=Odeg	=-597", Roll		H.Ang=53deg
GOES HXRBS UVSP	GOES 19:49 HXRBS 20:05:20 UVSP 20:05	Peak 20:06 20:05:22	End times 20:29 20:05:53	Importance=C2 Peakc/s=58 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=164 Exp #=74759	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+476",Yaw=-580"	, Yaw≖-580"
Event 88/10/(				SMM Pointing:	S26W45		Pitch=+487", Yaw	, Yaw=-607", Roll=0deg		H.Ang≕54deg
GOES HXRBS UVSP	Start GOES 20:34 HXRBS 20:35:42 UVSP 20:23	Peak 20:38 20:35:55	End times 20:41 20:35:59	Importance=C1 Peakc/s=47 Wavelength=1375A	Qual=01 Qual=01 Code=01	Tot Cts=101 Exp #=74761	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+471",Yaw=-587"	, Үам=-587"
Event 88/10/	Event # = 9537 88/10/05,21:40	D0Y=279	1 1	SMM Pointing:	S26W45		Pitch=+487",Yaw	, Yaw=-607", Roll=Odeg	l=0deg	H.Ang=54deg
Optica	Start		E E	HaClass=SF	S21W43	AR5171	Mac.=DKI	Carr.Lon.=219deg	=219deg	H.Ang≈50deg
GOES HXRBS UVSP	21:36 21:35:44 21:40	21:40 21:38:24	21:45 21:48:17	Importance=U3 Peakc/s=139 Wavelength=1375A	Qual=01 Qual=01 Code=02	Tot Cts=5596 Exp #=74765	MaxkeV=101 Rast=10"x10"	Step=0"	Pitch=+500", Yaw=-629"	, Yaw=-629"
Event # 88/10/05	# = 21911 05,21:48 Start	DOY=279 Peak	End times							
GOES BCS	21:45 21:46	21:48 21:49	22:05 21:57	Importance=C2 CaPeak.c/s=30	Qual=01 Qual= 1	FePeak=21:49	FePeak.c/s=9 Ract=240"x240"	#Peaks=1 Step=10"	dt= 7.7s X Cad= 590s 1	XEN=827900 1.024s/pixel
WSP	21:40			Wavelength=1375A	Code=00	Exp #=74765	Rast=10"x10"	1	Pitch=+500"	, Yaw=-629"
Event 88/10/	ent # = 9538 /10/05,23:06	DOY=279	Fnd +imes	SMM Pointing:	S26W46		Pitch=+486", Yaw=-617", Roll=0deg	v=-617", Rol	]=0deg	H.Ang=55deg
GOES HXRBS UVSP	23:05:58 22:57		23:(	Peakc/s=58 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=189 Exp #=74769	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+449",Yaw=-621"	, Үам=-621"

1/10/06,01 Stary		Fnd + impo	SMM Pointing:	S26W46		Pitch=+485",Yaw=-627",Roll≖Odeg	r=-627", Rol	1≖0deg	H.Ang=56deg
000	2 01:05 2:04 01:02:27 3 01:05	, «o	mportance=C2 eakc/s=83 aPeak.c/s=40	Qual=01 Qual=01 Qual= 1	Tot Cts=2102 FePeak=01:04	MaxkeV=72 FePeak.c/s=12 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s X Cad= 590s 1 Pitch=+496",	XEN=828000 1.024s/pixel ", Yaw=-650"
Radio Fred	Frequency(MHz)/Flux(stu)	Flux(stu):	245/140						
Event # = 21912 88/10/06,01:36 Start Optical GOES 01:22 BCS 01:56	1912 :36 D0Y=280 t Peak 2 01:36 6 01:57	End times 02:10 02:14	HaClass=SF Importance=M2 CaPeak.c/s=127	\$27W46 Qual=05 Qual= 5	AR5171 FePeak=01:58	Mac.=DKI FePeak.c/s=9	i	=220deg dt= 3.8s	H.Ang=56deg XEN=828001
FCS UVSP 02:00 Radio Frec	02:00 Frequency(MHz)/Flux(sfu)	Flux(sfu):	L(r)	,A 2695/52 88(	Exp #=74780 8800/100 15400/57	Rast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s Pitch=+490"	1.024s/pixel ',Yaw=-626"
Event # = 21913 88/10/06,03:32 Start GOES 03:25 BCS 03:30	1913 :32 00Y=280 t Peak 5 03:32 0 03:31	End times 03:52 03:42	Importance=C3 CaPeak.c/s=60	Qua]=04 Qua]= 5	FePeak=03:31	FePeak, C/s=12	ì	dt= 7.7s	XEN=828002
SP 03:35	2		Wavelength=1375A	Code=02	Exp #=74786	Rast=265"x265"	Step=10 Step=5"	Pitch=+489"	1.0245/pixer ", Yaw=-635"
Event # = 9541 88/10/06,05:33	Ì	1	SMM Pointing:	S26W49		Pitch=+482", Yaw	, Yaw=-649", Roll=Odeg	]=0deg	H.Ang=57deg
Start HXRBS 05:31: UVSP 05:22	Peak :59 05:33:1	End times 9 05:34:16	Peakc/s=136 Wavelength=1375A	Qual=01	Tot Cts=2265 Exp #=74793	MaxkeV=329 Rast=10"x10"	Flags=NS, Step=0"	Flags=NS,GB Step=0" Pitch=+430"	', Уам≂-666"
Event # = 9540 88/10/06,15:28 Start	540 :28 DOY=280 t Peak	End times	SMM Pointing:	S26W54		Pitch=+475", Yaw	, Yaw=-700", Roll=Odeg	]=0deg	H.Ang=62deg
Optical GOES 15:22 HXRBS 15:21 UVSP 15:21 Radio Sweeps	15:09:15	15:40   15:23:58  Intensity:	HaClass=SF Importance=C3 Peakc/s=230 Wavelength=2788A V/2	N31E47 Qual=03 Qual=01 Code=00	AR5178 Tot Cts=9192 Exp #=74812	Mac.=CA0 MaxkeV=132 Rast=180"x1"	Carr.Lon.=119deg Step=0" Pitch=	=119deg   Pitch=+352"	H.Ang≈50deg ',Yaw=-521"
# = 2 '06,16 Star 16:2	1914 :40 D0Y=280 t Peak 7 16:40	End times	HaClass=1N Importance=M1	\$27¥52 Qua]=05	AR5171	Mac.=DKI	Carr.Lon.=217deg		H.Ang=60deg
BCS 16:45 FCS UVSP 16:53 Radio Sweeps	16	l6:58 Intensity:	\$ 8	Qual= 5	FePeak=16:47  Exp #=74814	FePeak.c/s=28 Rast=0"x0" Rast=180"x1"	*Peaks=1 Step=0" Step=0"	dt= 3.8s Cad=1.02s Pitch=+351	XEN=828003 1.024s/pixel ",Yaw=-529"

Event 88/10/	# = 9542 06,17:59	D0Y=280	4	SMM Pointing:	S26W55		Pitch=+473", Yaw=-710", Roll=Odeg	/=-710", Rol	]=0deg	H.Ang=63deg
GOES HXRBS UVSP	Start GOES 17:56 HXRBS 17:56:28 UVSP 18:28	reak 17:59 17:56:37	End Cimes 18:01 17:57:01	Importance=C2 Peakc/s=81 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=402 Exp #=74816	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+350'	Pitch=+350",Yaw=-536"
Event # 88/10/00 0ptical GOES BCS FCS	Event # = 21915 88/10/06,18:59 Start Optical GOES 18:25 FCS 18:28	DOY=280 Peak 18:59 18:29	End times 19:40 18:32	HaClass=SF Importance=C3 CaPeak.c/s=19	S29W66 Qual=02 Qual= 2	AR5171 FePeak=18:31 Evn #=74817	Mac.=DKI FePeak.c/s=7 Rast=0"x0" Dac+=180"v1"	Carr.Lon.=230deg #Peaks=1 dt= 7. Step=0" Cad=1.	7s 02s +350	H. Ang=73deg XEN=828004 1.0547 pixel
Event 88/10/		DOY=280		SMM Pointing:		-	Pitch=+471", Yaw	, Yaw=-720", Roll=Odeg		H.Ang=63deg
Optica	start 1	Peak	end times	HaClass=SF	N23E41	AR5177	Mac.=EKI	Carr.Lon.=123deg	=123deg	H.Ang=43deg
ECS ECS EVSP	19:16:44 19:10 19:02	19:17:37 19:10	19:18:32 19:28	Peakc/s=73 CaPeak.c/s=22 Wavelength=2788A	Qual=01 Qual=01 Qual= 5	Tot Cts=1150 FePeak=19:17 Exp #=74817	MaxkeV=101 FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+350",	XEN=828005 1.024s/pixel ", Yaw=-538"
Event 88/10/	Event # = 21916 88/10/06,20:38	1								
Optica GOES	Start    20:28		End times 21:05		\$23W56 0ua]=05	AR5171	Mac.=DKI	Carr.Lon.≈219deg	≈219deg	H.Ang=62deg
BCS FCS UVSP	20:44	20:44	20:57	CaPeak.c/s=37 Wavelength=1375A	Qual= 5	FePeak=20:50 Exp #=74819	FePeak.c/s=10 Rast=0"x0" Rast=200"x200"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X8 Cad=1.02s 1 Pitch=+476",	XEN=828006 1.024s/pixel ", Yaw=-718"
Event 88/10/	# = 9828 06,21:32	<u>8</u>		SMM Pointing:	S26W58		Pitch=+469", Yaw=-732", Roll=Odeg	r=-732", Ro1	1=0deg	H. Ang=65deg
GOES HXRBS UVSP	GOES 21:20 HXRBS 21:27:35 UVSP 21:21	21:32 21:27:42	21:37 21:37 21:27:47	Importance=C2 Peakc/s=50 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=53 Exp #=74824	MaxkeV=72 Rast=10"x10"	Flags=I Step=0"	Pitch=+436'	Pitch=+436",Yaw=-740"
Event 88/10/	Event # = 9544 88/10/06,22:46 Start	D0Y=280	Fnd times	SMM Pointing:	S26W58		Pitch=+469", Yaw	, Yaw=-732", Roll=0deg	]=0deg	H.Ang=65deg
Optica	) 22.41	22.46	}		\$16E02	AR5175	Mac.=EKO	Carr.Lon.=160deg	=160deg	H.Ang=22deg
HXRBS	22:40:53 22:39	22:42:23	22:43:59	Peakc/s=77 Wavelength=1375A	Qual=01 Code=00	Tot Cts=2014 Exp #=74830	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+440'	Pitch=+440", Yaw=-746"

				88/10/07	7 DOY=281				
Event # = 9545 88/10/07,04:45			SMM Pointing:	S26W61		Pitch=+465", Yaw	, Yaw=-754", Roll=Odeg	1=0deg	H.Ang=67deg
10	ena 3 04:4	d times :48:12	Peakc/s=120 Wavelength=1375A	Qua]=06 Qua]=02	Tot Cts=4098 Exp #=74853	MaxkeV=193 Rast=265"x265"	Flags=SA Step=5"	Pitch=+470"	Pitch=+470", Yaw=-750"
Event # = 9546 88/10/07,05:09	DOY=281	+ impo	SMM Pointing:	S26W62		Pitch=+462", Yaw	, Yaw=-764", Roll=0deg	]=0deg	H.Ang=68deg
	. 35	:10:26	Peakc/s=76 Wavelength=1375A	Qua]=06 Qua]=01	Tot Cts=1559 Exp #=74856	MaxkeV=101 Rast=10"x10"	Step=0"	Pitch=+502"	Pitch=+502",Yaw=-743"
Event # = 9547 88/10/07,07:02	00Y=281	, i	SMM Pointing:	S26W62		Pitch=+462", Yaw	, Yaw=-764", Roll=Odeg	]=0deg	H.Ang=68deg
GOES 06:59 HXRBS 07:01:17 ( UVSP 06:58	7:02 37:02 37:01:33	07:01:42	Importance=Cl Peakc/s=54 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=150 Exp #=74864	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+425"	Pitch=+425", Yaw=-770"
Event # = 9549 88/10/07,08:31	00Y=281	, t	SMM Pointing:	S26W63		Pitch=+460", Yaw	, Yaw=-774", Roll=Odeg	]=0deg	H.Ang=69deg
GOES 08:18 HXRBS 08:21:44 ( UVSP 08:22	78:31 78:23:26 77:79/1	მო.	Importance=C3 Peakc/s=128 Wayelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=5709 Exp #=74868	MaxkeV=101 Rast=10"x10"	Step=0"	Pitch=+444",Yaw=-846"	", Yaw=-846"
HXRBS 08:17:18 UVSP 08:18	1) per mensity. 		//3 Peakc/s=82 Wavelength=1375A	Associated Qual=01 5A	Event # = 9548 Tot Cts=3222 Exp #=74867	MaxkeV=101 Rast=265"x265"	Step=5"	Pitch=+467"	", Yaw=-763"
Event # = 9550 88/10/07,18:26	i i		SMM Pointing:	S26W68		Pitch=+453", Yaw:	, Yaw=-805", Roll=Odeg	1=0deg	H.Ang=74deg
Start Sal	reak End	Se le	HaClass=SF HaClass=SF	\$20W10 N27E01	AR5175 AR5179	Mac.=EKI	Carr.Lon.=161deg Carr.Lon.=150deg		H.Ang=28deg H.Ang=21deg
GUES 18:06 HXRBS 18:40:56 UVSP 18:30	18:25 19:21 18:42:24 18:43:	:03	8	Qual=05 Qual=01 Code=02	Tot Cts=900 Exp #=74882	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+331",Yaw=-623	", Yaw=-623"
Event # = 9551 88/10/07,20:56	00Y=281	- tu	SMM Pointing:	S26W68		Pitch=+453", Yaw:	, Yaw=-805", Roll	, Roll=Odeg	H.Ang=74deg
	reak 20.56	S E	HaClass=SF	\$27E01	AR5179	Mac.=AXX	Carr.Lon.=149deg	=149deg	H.Ang=33deg
HXRBS 20:49:19 UVSP 21:04	20:49:31 20:51:	25	Peakc/s=90 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=536 Exp #=74885	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+328",Yaw≕-631	", Yaw≖-631"

DOY=282 End times SMM Pointing: S26W73 Peak End times SMM Pointing: S26W76 DOY=282 End times SMM Pointing: S26W76 DOY=282 End times SMM Pointing: S19W24 Peak End times SMM Pointing: S19W24 DOY=283 End times SMM Pointing: S19W24 DOY=283 End times SMM Pointing: S19W28 DOY=283 End times SMM Pointing: S19W37 DOY=283 End times SMM Pointing: S19W37 DOY=283 End times SMM Pointing: S19W37 DOY=283 End times SMM Pointing: S19W37 DOY=283 End times SMM Pointing: S19W38 DOY=283 End times SMM Pointing: S19W38 DOY=283 End times SMM Pointing: S19W38 DOY=283 End times SMM Pointing: S19W38 DOY=283 End times SMM Pointing: S19W38 DOY=283 End times SMM Pointing: S19W38 DOY=283 End times SMM Pointing: S19W38 Peak End times SMM Pointing: S19W38 Peak SMM Pointing: S19W38 DOY=284 End times SMM Pointing: S19W38 Peak End times SMM Pointing: S19W33 Peak End times Peak End times SMM Pointing: S19W33 Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak End times Peak En					88/10/08	8 D0Y=282				***************************************
DOY-282	.vent # = 9552 8/10/08,04:18	DOY=282	١.	l	S26W73		Pitch=+446", Ya	w=-826", Rol	1=0deg	H.Ang=77deg
DOY=282  DOY=282  DOY=282  DOY=282  DOY=282  DOY=282  End times  SMM Pointing: \$26476  DOY=282  End times  DOY=283  End times  SMM Pointing: \$19424  DOY=283  End times  DOY=283  End times  SMM Pointing: \$19424  DOY=283  End times  SMM Pointing: \$19424  DOY=283  End times  SMM Pointing: \$19424  DOY=283  End times  SMM Pointing: \$19428  End times  SMM Pointing: \$19438  End times  SMM Pointing: \$19432  End times  BM TOY TO CTS=120  End =01  Exp #=75009  Exp #=750	GOES HXRBS 04:17:45 UVSP 04:09	Peak End 04:18:01 04:1	14 14	Peakc/s=62 Wavelength=1375A	Qual=06 Qual=01	Tot Cts=85 Exp #=74911	MaxkeV=72 Rast=110"x200"		Pitch=+422'	', Yaw=-848"
09:22:10 09:22:32 Peakc/s=62 Qual=00 LExp #=74927 Rast=243"x243" Step=3" Pitch=+446"  007=282 End times HaClass=18 S19W24 Pitch=+402", Yaw=-364", Roll=Odeg Peak End times Peakc/s=22  008:22:01:08 Peakc/s=22  008:22:02 22:01:08 Peakc/s=22  008:22:03 SMH Pointing: S19W24 Pitch=+402", Yaw=-364", Roll=Odeg D07=283 End times HaClass=188	<pre>vent # = 9553 8/10/08,09:22 Start</pre>	D0Y=282 Peak End		Pointing	S26W76		Pitch=+439", Ya	w=-841", Rol	1=0deg	H.Ang=80deg
DOY=282  22:00  22:12    Hav. Class=1F   S2/W89   AR5171   Mac.=CA0   Carr.Lon.=225deg   Hav. Class=1F   S2/W89   AR5171   Mac.=CA0   Carr.Lon.=225deg   Hav. Class=1F   S2/W89   AR5171   Mac.=CA0   Carr.Lon.=225deg   Hav. Class=1F   Cade=02   Exp #=74942   Rast=180°x1"   Step=0" Pitch=+280"   Wavelength=2788A Code=02   Exp #=74942   Rast=180°x1"   Step=0" Pitch=+280"     B8/T0709   DOY=283   End times	OES IXRBS 09:21:49 IVSP 09:05	09:22:10 09:2	:32	Peakc/s=62 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=488 Exp #=74927	MaxkeV=132 Rast=243"x243"		Pitch=+446'	', Yaw=-829"
Preak	event # = 9554 88/10/08,22:00	D0Y=282	l .	1	S19W24		Pitch=+402", Ya	w=-364", Rol	1=0deg	H.Ang=34deg
Tot Cts=5127   MaxkeV=101	Start Optical	reak End	seu L	HaClass=1F	\$27W89	AR5171	Mac.=CA0	Carr.Lon.	=225deg	H.Ang=92deg
88/10/09         DOY=283         Pitch=+398", Yaw=-426", Roll=Odeg           95:48:36         SMM Pointing:         S19W28         Pitch=+398", Yaw=-426", Roll=Odeg           95:48:36         D5:48:42         Peakc/s=60         Qual=00         Tot Cts=120         MaxkeV=72         Rast=10"xlo"         Step=0"         Pitch=+372"           90Y=283         End times         SMM Pointing:         S19W37         AR5175         MaxkeV=72         Rast=10"xlo"         Step=0"         Pitch=+372"           90Y=283         End times         Importance=10         Qual=01         Tot Cts=233         MaxkeV=72         Rast=10"xlo"         Step=0"         Pitch=+393"           90Y=283         End times         Maxelength=1375A Code=00         Exp #=75019         Rast=265"x265"         Fige=6"         Pitch=+399"           90Y=284         Gold=00         Exp #=75010         Rast=265"x265"         Fige=6"         Pitch=+395"           88/10/10         DOY=284         Pitch=-616", Yaw=-385", Roll=90deg         Pitch=-635"           88/21:28         Bast=1:28         Pointing:         S19W43         Pitch=-616", Yaw=-385", Roll=90deg           98:21:28         Wavelength=1375A         Code=00         Exp #=75043         Rast=10"xlo"	22:07	21:53:52 22:01 21:53:52 22:01	90:	ımportance≕C4 Peakc/s=92 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=5127 Exp #=74942		Step=0"	Pitch=+280'	', Yaw=-186"
207=283         SMM Pointing:         S19W28         Pitch=+398", Yaw=-426", Roll=Odeg           05:48:36         05:48:42         Peakc/s=60         Qual=01         Tot Cts=120         MaxkeV=72         Rast=10"x10"         Step=0"         Pitch=+372"           007=283         End times Peak         SMM Pointing:         S19W37         AR5175         Mac.=EKO         Carr.Lon.=154deg           22:58:30         22:58:58         Peakc/s=51         Qual=01         Tot Cts=233         MaxkeV=72         Rast=10"x10"         Pitch=+332"           22:58:30         22:58:58         Peakc/s=51         Qual=01         Tot Cts=233         MaxkeV=72         Rast=10"x10"         Pitch=+393"           22:58:30         22:58:58         Peakc/s=51         Qual=01         Tot Cts=233         MaxkeV=72         Rast=10"x10"         Pitch=+393"           22:58:30         22:58:58         Peakc/s=51         Qual=01         Tot Cts=18807         MaxkeV=72         Rast=262", Roll=06g           23:49:33         23:54:11         Peakc/s=212         Qual=01         Rast=265"x265"         Step=5"         Pitch=+395"           23:49:33         23:54:11         Mavelength=1375A         Qual=00         Exp #=75010         Rast=265"x265"         Rep=5"         Pitch=-4395"      <	and the second s				88/10/0					
04a1=00	<pre>ivent # = 9555 is/10/09,05:48 C+art</pre>	DOY=283	, .	Pointing	S19W28		Pitch=+398",Ya	w=-426", Rol	1=0deg	H.Ang≕37deg
DOY=283 End times HaClass=SF S19W37 Britch=+389", Yaw=-551", Roll=Odeg 22:58:30 22:58:58 BeakC/s=51 Qual=01 DOY=283 Boy=283 Boy=283 Boy=283 Boy=283 Boy=283 Boy=283 Boy=283 Boy=284 Boy=	OES IXRBS 05:48:28 IVSP 05:38	05:48:36 05:	2	Peakc/s=60 Wavelength≕1375A	Qual=00 Qual=01	Tot Cts=120 Exp #=74970	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+372'	", Yaw=-429"
23:00 23:02 Importance=C1 Qual=01 Tot Cts=233 Maxkev=72 Rat=10"x10" Step=0" Pitch=+393"   22:58:30 22:58:58 Peakc/s=51 Qual=01 Tot Cts=233 Maxkev=72 Rat=10"x10" Step=0" Pitch=+393"   22:58:30 22:58:58 Peakc/s=51 Qual=01 Tot Cts=233 Maxkev=72 Rat=10"x10" Step=0" Pitch=+393"   22:58:30 22:58:58 Peakc/s=51 Qual=01 Tot Cts=233 Maxkev=72 Flags=SN Pitch=+393"   23:49:33 23:54:11 Peakc/s=212 Qual=02	:vent # = 9556 88/10/09,23:00	D0Y=283		1 .	S19W37		Pitch=+389", Ya	w=-551", Rol	1=0deg	H.Ang=44deg
22:58:30 22:58:58	Start  ptical	22.00 22.0	E S	HaClass=SF	S19W32	AR5175	Mac.=EKO	Carr.Lon.	=154deg	H.Ang=40deg
D0Y=283 End times End times End times 23:52 00:28 Importance=M1 Qual=01 23:52 00:28 Importance=M1 Qual=01 Eakc/s=212 Qual=02 Exp #=75010  88/10/10 D0Y=284 End times  Qual=00  08:21:28 08:21:43 Peakc/s=56 Wavelength=1375A  Outlies  SMM Pointing: S19W43 End times  Qual=00  Exp #=75043  RaskeV=72  Pitch=+388", Yaw=-562", Roll=0deg  Pitch=+388", Yaw=-562", Roll=0deg  Flags=SN  RaskeV=72  Pitch=+395"  RaskeV=72  Pitch=-616", Yaw=-385", Roll=90deg  Qual=00  RaskeV=72  Qual=00  RaskeV=72  Pitch=+395"  RaskeV=72  Qual=00  RaskeV=72  RaskeV=72  Pitch=+395"  Pitch=+395"  Pitch=+395"  RaskeV=72  RaskeV=72  RaskeV=72  Pitch=+395"  Pitch=+395"  RaskeV=72  Ras	IXRBS 22:58:13 IXSP 22:58:13 IVSP 22:58	22:58:30 22:58	28	Importance-ci Peakc/s=51 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=233 Exp #=75009	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch≖+393	', Үаw≖-495"
23:52 00:28	vent # = 9557 88/10/09,23:52	00Y=283	2	Pointing	S19W38		Pitch=+388", Ya	w=-562", Rol	1=0deg	H. Ang=45deg
D0Y=284 SMM Pointing: S19W43 Peak End times Qual=00 Qual=01 Tot Cts=99 MaxkeV=72 Wavelength=1375A Exp #=75043 Rast=10"x10" Step=0" Pitch=-632"	31art 30ES 23:46 IXRBS 23:48:45 IVSP 23:54	23:52 00:28 23:49:33 23:54	<u> </u>	Importance=Ml Peakc/s=212 Wavelength=1375A	Qual=01 Qual=02 Code=02				Pitch=+395'	", Yaw=-549"
D0Y=284 SMM Pointing: S19W43 Peak End times Qual=00 Qual=00 Gual=00 WaxkeV=72 Wavelength=1375A Exp #=75043 Rast=10"x10" Step=0" Pitch=-632"					88/10/1	0				
Qual=00 08:21:28 08:21:43 Peakc/s=56 Qual=01 Tot Cts=99 MaxkeV=72 Wavelength=1375A Exp #=75043 Rast=10"x10" Step=0"	<pre>svent # = 9558 38/10/10,08:21 </pre>	DOY=284	i.	Pointing	S19W43		Pitch=-616",Ya	w=-385", Rol	1=90deg	H.Ang≖49deg
	GOES HXRBS 08:21:2: JVSP 08:13	08:21:28 08:2	3 6	Peakc/s=56 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=99 Exp #=75043	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=-632	", Yaw=-333"

1	1					
XEN=828400 0.256s/pixel ", Yaw=-463"	EN=828401 .024s/pixel Yaw=-466"	H.Ang=48deg H.Ang=47deg XEN=828402 1.024s/pixe1 ", Yaw=-455"	H.Ang=49deg XEN=828403 1.024s/pixe1 ", Yaw=-468"	H.Ang=49deg ",Yaw=-468"	XEN=828404 1.024s,pixel ",Yaw=-474"	=0deg H.Ang=51deg Pitch=+337", Yaw=-670"
dt= 7.7s Cad=.26s Pitch=+259"	dt= 7.7s x Cad=1.02s 1 Pitch=+259",	9.8s.262s=+214	,Roll=Odeg     =IN	,Roll=Odeg H.Ang=49d =IN Pitch=+212",Yaw=-468	dt= 7.7s Cad= 590s Pitch=+211	]=0deg Pitch=+337
#Peaks=1 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"	,Yaw=-634",Roll=0deg Carr.Lon.=150deg 24 #Peaks=1 dt= 3. 40" Step=15" Cad= 2 " Step=0" Pitch=	Flags #Peak Step= Step=	,Yaw=-644",Rol Flags=IN Step=0"	#Peaks=1 Step=10" Step=0"	M=-675",Rol Step=5"
FePeak.c/s=11 Rast=0"x0" Rast=180"x1"		Pitch=+335", Yaw Mac.=EA0 MaxkeV=132 FePeak.c/s=24 Rast=240"x240" Rast=180"x1"	Pitch=+334", Yaw MaxkeV=72 FePeak.c/s=146 Rast=240"x240" Rast=180"x1"	Pitch=+334", Yav MaxkeV=72 Rast=180"x1"	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	Pitch=+331",Yaw=-675",Roll=Odeg MaxkeV=72 Rast=265"x265" Step=5" Pitch
FePeak=13:14 Exp #=75050	Event # = 21918 FePeak=13:57 Exp #=75051	Tot Cts=6187 FePeak=16:17 Exp #=75054	Tot Cts=1172 FePeak=18:42 Exp #=75057	Tot Cts=13828 Exp #=75057 15400/270	FePeak=19:10 Exp #=75058	Tot Cts=255 Exp #=75067
Qual=02 Qual= 2 Code=01	ssociated Qual= 5	\$16W43 \$24W37 Qual=01 Qual= 1 Qual= 1 Code=02	\$16W44 Qual=02 Qual=11 Qual= 5 Code=02	\$16W44 Qual=00 Qual=11 8800/69	Qual=00 Qual= 5	\$16W47 Qual=01 Qual=01 Code=02
Importance=C2 CaPeak.c/s=55 Wavelength=2788A	CaPeak.c/s=22 Wavelength=278	SMM Pointing: HaClass=SF Importance=C3 Peakc/s=243 CaPeak.c/s=117 Wavelength=2788A	SMM Pointing: Importance=M3 Peakc/s=66 CaPeak.c/s=1126 Wavelength=2788A	SMM Pointing: Peakc/s=101 Wavelength=2788A 245/170 4995/440	CaPeak.c/s=56 Wavelength=2788A	SMM Pointing: Importance=B6 Peakc/s=78 Wavelength=1375A
End times 14:03 13:18	14:07	End times 16:21 16:16:02 16:25	End times 19:04 17:58:19 19:10	8 80 ··	End times 19:25	End times 23:25 23:21:02
D0Y=284 Peak 13:28 13:15	13:55	DOY=284 Peak 16:17 16:14:38 16:17	DOY=284 Peak 18:27 17:58:02 18:42	= 9561 0,18:35 DOY=284 Start Peak End tim 18:35:03 18:35:20 18:48:3 18:28 Frequency(MHz)/Flux(sfu)	00Y=284 Peak 19:10	DOY=284 Peak 23:20 23:20:14
# = 21917 10,13:28 Start 10:11 12:54	3:5	Event # = 9559 88/10/10,16:17 Start Optical GOES 16:07 HXRBS 16:12:59 BCS 16:14 FCS	# = 9560 10,18:27 Start 17:57 17:56:03 18:28	<b>*</b> *- •	Event # = 21919 88/10/10,19:10 Start GOES BCS 19:10 FCS 19:28	Event # = 9562 88/10/10,23:20 Start GOES 23:18 HXRBS 23:19:41 UVSP 23:23
Event # 88/10/10 GOES BCS BCS INVSP INVSP	BCS FCS UVSP	Event # 88/10/10 0ptical GOES HXRBS FCS FCS	Event # = 88/10/10, St GOES 17 HXRBS 17 BCS 18 FCS UVSP 18	Event 88/10/ GOES HXRBS UVSP Radio	Event 88/10/ 60ES BCS FCS UVSP	Event 88/10/ GOES HXRBS UVSP

					88/10/11	1 DAY=285				
Event # =	9563				7 /07 /00					
88/10/11,00:10 Start	00:10	00Y=285 Peak	Fnd times	SMM Pointing:	S16W48		Pitch=+330", Yaw	, Yaw=-685", Rol	, Roll=Odeg	H.Ang=52deg
GOES HXRBS 00 UVSP 00	00:07:20 00:00	00:10:04	98:1	Peakc/s=91 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=5962 Exp #=75072	MaxkeV=259 Rast=10"x10"	Flags=AX Step=0"	Pitch=+313 <sup>4</sup>	Pitch=+313",Yaw=-726"
Event # = 9564 88/10/11,20:35	9564 20:35	DOY=285	1	SMM Pointing:	S16W59		Pitch=+313", Yaw	, Yaw=-794", Rol	, Roll=Odeg	H. Ang=62deg
optical		reak	End times		\$20W58	AR5175	Mac.=DKI	Carr.Lon.=155deg	=155deg	H.Ang=63deg
HXRBS 20 BCS 20	20:31:58 20:32 20:32	20:32:22 20:32:22 20:33	20:32:33 20:34 20:34	<pre>importance=cz Peakc/s=152 CaPeak.c/s=75</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=841 FePeak=20:33	MaxkeV=132 FePeak.c/s=20		dt= 3.8s	XEN=828500
FCS UVSP 20:	):31	1	1	Wavelength=2788A	A Code=00	Exp #=75117 Event # = 0565	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+193",	1.024s/pixel ",Yaw=-610"
S 2 BS 2	• •	0	20:	akc/s=72	Qual=00 Qual=01	Tot Cts=321	= 33			ı
					88/10/12	2 D0Y=286				
Event # = 88/10/12,	9566 02:10	D0Y=286	7 7 7	SMM Pointing:	S16W62	l	Pitch=+309", Yaw	, Yaw=-815", Rol	, Roll=Odeg	H.Ang=65deg
Start GOES 02:09 HXRBS 02:11:47 ( UVSP 02:01	2:09 2:11:47 2:01	Peak 02:10 02:11:58	02:17 02:17 02:12:03	Importance=B7 Peakc/s=62 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=126 Exp #=75137	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+373'	Pitch=+373",Yaw=-793"
Event # = 88/10/12,	- 9567 04:22	D0Y=286		SMM Pointing:	S16W63		Pitch=+307", Yaw	, Yaw=-825", Rol	, Roll=Odeg	H.Ang=66deg
Start GOES 04:14 HXRBS 04:15:34 ( BCS 04:16 (	t:14 1:14 1:15:34 1:16	Peak 04:22 04:16:18 04:17	End times 04:27 04:16:59 04:24	Importance=C2 Peakc/s=1008 CaPeak.c/s=49	Qual=01 Qual=01 Qual= 1	Tot Cts=8729 FePeak=04:17	MaxkeV=225 FePeak.c/s=15	Flags=M5 #Peaks=2	dt= 3.85	XEN=828600
0	04:08 Frequenc	)4:08 Frequency (MHz) /Flux (sfu)	Jux(sfii):	Wavelength=1375A Code=00	Code=00	Exp #=75147	Rast=240"x240" Rast=10"x10"		cad= 590s Pitch=+361"	1.024s/p1xel ",Yaw≖-806"
, 0	04:18:58	04:20:40	. 10	Peakc/s=65	ssociated Qual=01	Event # = 9568 Tot Cts=891		! !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	I I I I I
Event # = 9569 88/10/12,05:11	9569	D0Y=286	4 PG	SMM Pointing:	S16W63	And the second control of the second control	Pitch=+307", Yaw	, Yaw=-825", Rol	,Roll=Odeg	H. Ang=66deg
Optical of	ומדר היים	reak OF:11	Erid Lillies	HaClass=2N	\$20W66	AR5175	Mac.=DKI	Carr.Lon.=158deg	=158deg	H.Ang=70deg
	04:34 05:16:00 05:16	05:11 05:16:0	œ	Importance=X3   Peakc/s=859	Qual=02 Qual=02 Code=02	Tot Cts=3.05E+5 Exp #=75148	MaxkeV=225 Rast=265"x265"	Flags=M5,: Step=5"	Flags=M5,SA Step=5" Pitch=+313",	",Yaw≖-819"
Radio Swe Radio F	Sweeps Frequenc	Weeps Type/Intensity Frequency(MHz)/Flux(sfu)		111/2 IV/2 245/270 410/450	606/320 8	606/320 8800/3000 15400/6000	000		1	1 1 1 1
BCS 055	5:45	05:45		CaPeak.c/s=317	Qual= 5	FePeak=05:45	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=828602
UVSP 05	5:36			Wavelength=1375A		Exp #=75151	Rast=10"x10"			", Yaw=-817"

1/10/12, 10:39	DOY=286		SMM Pointing:	S16W66		Pitch=+304",Yaw=-845",Roll=Odeg	!=-845", Rol	1=0deg	H.Ang=69deg
GOES 10:37 1 HXRBS 10:38:07 1 BCS 10:38 1	10:39 10:38:17 10:38	10:47 10:38:29 10:39	Importance=Cl Peakc/s=215 CaPeak.c/s=18	Qual=03 Qual=01 Qual= 4	Tot Cts=632 FePeak=10:38	MaxkeV=101 FePeak.c/s=7	*Peaks=1	dt= 7.7s	XEN=828603
SP 10:35			Wavelength=2788A	Code=00	Exp #=75162	Rast=180"x1"	Step=0"	cau=1.025 1 Pitch=+181",	1.0245/pixel ",Yaw=-666"
ent # = 9572 //10/12,12:12	D0Y=286	# + F	SMM Pointing:	S16W67		Pitch=+300", Yaw=-855", Roll=Odeg	855", Rol	]=0deg	H.Ang=70deg
GOES 12:03 1 HXRBS 12:07:07 1 BCS 12:04 1	72:12 12:12 12:09:08 12:11	Erid times 12:45 3 12:12:52 12:13	Importance=M1 Peakc/s=683 CaPeak.c/s=78	Qual=03 Qual=01 Qual= 1	Tot Cts=22830 FePeak=12:10	MaxkeV=225 FePeak.c/s=13	#Peaks=2	dt= 3.8s	XEN=828604
rts UVSP 12:09 Radio Frequen	12:09 Frequency (MHz) / Flux (sfu)		Wavelength=2788A (	Code=00	Exp #=75164	Rast=240"X240" Rast=180"x1"		cad= cocs 1 Pitch=+179",	1.024s/plxel ",Yaw=-671"
•	12:03:59		c/s=56	Associated Qual=01	Event # = 9571 Tot Cts=283		1 1	! ! !	! ! ! ! ! !
Event # = 9845 88/10/12,15:08 Start	D0Y=286	Fnd times	SMM Pointing:	S19W69		Pitch=+339", Yaw	', Yaw=-853", Roll=0deg	1=0deg	H.Ang≈72deg
GOES HXRBS 15:08:16 UVSP 15:16			Peakc/s=56 Wavelength=2788A	Qua1=00 Qua1=01	Tot Cts=31 Exp #=75168	MaxkeV=72 Rast=180"x1"	Flags=I Step=0"	Pitch=+217",Yaw=-668"	, Үам=-668"
Event # = 9846 88/10/12,15:11	D0Y=286	+ PG	SMM Pointing:	S19W69		Pitch=+339", Yaw	, Yaw=-853", Roll=Odeg	]=0deg	H.Ang=72deg
GOES HXRBS 15:10:56 UVSP 15:16		15:11:03 15:11:16	Peakc/s=62 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=78 Exp #=75168	MaxkeV=72 Rast=180"x1"	Flags=I Step=0"	Pitch=+217",Yaw=-668"	, Үам=-668"
				88/10/1	3 DOY=287				
ent # = 9573 /10/13,01:34	D0Y=287	6 6 7 6	SMM Pointing:	S18W73		Pitch=+332", Yaw=-873", Roll=Odeg	=-873", Rol	]=0deg	H.Ang=76deg
GOES 01:31 HXRBS 01:32 0 ECS 01:33 0	Peak 01:34 01:32:35 01:33	End times 01:40 01:33:46 01:35	Importance=B9 Peakc/s=82 CaPeak.c/s=29	Qual=01 Qual=01 Qual= 1	Tot Cts=674 FePeak=01:33	MaxkeV=72 FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=828700
US VSP 01:30 adio Sweeps	Type/I	Type/Intensity:	Wavelength=1375A III/2	Code=00	Exp #=75181	kast=U∵xU″ Rast=10"x10"	Step=0" Step=0"	cad=1.02s Pitch=+254"	1.024s/p1xel ",Yaw=-899"

e e e

Event #88/10/1	vent # = 9574 8/10/13,06:44	DOY=287	+ TO 10	SMM Pointing:	S18W75		Pitch=+328", Yaw	, Yaw=-883", Rol	, Roll=Odeg	H.Ang=78deg
-	בים ר		בוות נווועס	Class=SF	S27W73	AR5179	Mac.=DAO	Carr.Lon.=151deg	=151deg	H.Ang≖78deg
	06:34 06:38:04 06:36	06:44 06:38:19 06:42	07:00 06:39:02 06:50	Importance=C2 Peakc/s=58 CaPeak.c/s=77	Qual=01 Qual=01 Qual= 1	Tot Cts=386 FePeak=06:41	MaxkeV=72 FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=828701
UVSP Radio Radio	06:37 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Type/I cy (MHz)/F	ntensity: :lux(sfu):	Wavelength=1375A ( III/1 410/190	Code=00	Exp #=75201	Rast=240 X240" Rast=10"x10"	Step=15 Step=0"	cd= 2028 1 Pitch=+244",	1.024s/p1xe1 ',Yaw=-910"
Event # 88/10/13	# = 21921 13,09:53	DOY=287	Fnd + imag							
GOES BCS FCS	09:42 09:45	09:53 09:49	10:19 10:01	Importance=C2 CaPeak.c/s=43	Qual=03 Qual= 1	FePeak≃09:46	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=828702
UVSP	09:53			Wavelength=1375A	Code=02	Exp #=75213	Rast=110"x200"	Step=5"	cad=1.02s Pitch=+256	cdd=1.02s 1.024s/plxe: Pitch=+256",Yaw=-912"
Event # 88/10/13	# = 21922 13,11:04	DOY=287	Fnd +imac							
60ES 8CS FCS	10:52 11:14	11:04	11:29 11:18	Importance=C4 CaPeak.c/s=25	Qual=05 Qual= 5	FePeak=11:14	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=828703
UVSP	10:39			Wavelength=2788A		Exp #=75215	Rast=180"x1"	Step=0"	cad=1.02s Pitch=+200	cdd=1.02s 1.024s/plxel Pitch=+200",Yaw=-713"
Event # 88/10/13	# = 9575 13, 12:50			SMM Pointing:	S19W78		Pitch=+324", Yaw=-894", Roll=Odeg	=-894", Rol	]=0deg	H.Ang=81deg
	3237 12:42 12:51:16 12:50	12:50 12:51:32 12:50	13:04 12:52:12 12:57	<pre>Importance=C2 Peakc/s=71 CaPeak.c/s=38</pre>	Qual=01 Qual=01 Qual= 5	Tot Cts=603 FePeak=12:51	MaxkeV=72 FePeak.c/s=11	#Peaks=1	dt= 3.8s	XEN=828704
UVSP Radio	13:11 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Type/1 cy(MHz)/F	intensity: :lux(sfu):	Wavelength=2788A III/2 245/2000 410/480		Exp #=75218	Kast=240"x240" Rast=180"x1"	Step=15" Step=0"	(ad= 262s 1 Pitch=+198",	1.024s/p1xe1 ",Yaw=-716"
Event #88/10/	f = 9576 13, 13:07 Start	D0Y=287	Fod +imag	SMM Pointing:	S19W78		Pitch=+324", Yaw=-894", Roll=Odeg	=-894", Rol	]=Odeg	H.Ang=81deg
GOES HXRBS BCS FCS	13:04:29 13:06:29	13:07 13:05:23 13:07	13:12 13:05:36 13:09	Importance=C2 Peakc/s=64 CaPeak.c/s=28	Qual=01 Qual=01 Qual= 4	Tot Cts=331 FePeak=13:07	MaxkeV=72 FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=828705
	13:11 Sweeps	Type/I	Type/Intensity:	Wavelength=2788A ( III/2	Code=02	Exp #=75218	Rast=180"x1"	Step=10	cau= 3905 Pitch=+198'	1.0245/plxe1 ,Yaw=-716"

88/10/13,14:04 Start Optical	D0Y=287 Peak	End times	HaClass=SF	S27W78	AR5179	Mac.=DAO	Carr.Lon.=152deg	=152dea	H.Ana=82dea
GOES 13:58	14:04	14:24	Importance=C2	Qual=03	0. N 1 - 4 c 0 c 7		#Double 1	E23121	SOLOCO-MIX
_	14:03	14:54	Careak.C/ 5=54	7 - 1 mn	rereak = 14:02	rereak.c/s=9 Rast=0"x0"	Step=0"	cad=3840s	3840s/pixel
VSP 13:46			Wavelength=2788A	Code=01	Exp #=75219	Rast=180"x1"	Step=0"		, Yaw=-727"
Event # = 9577 88/10/13,17:52	1		SMM Pointing:	S18W82		Pitch=+309", Yaw=-907", Roll=Odeg	=-907", Rol	1=0deg	H.Ang=84deg
Start GOES HXRBS 17:52:25 UVSP 17:42		Peak End times 17:52:59 17:53:07	Peakc/s=61 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=366 Exp #=75232	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+249",Yaw=-921"	, Yaw=-921"
Event # = 9578 88/10/13,20:33	1		SMM Pointing:	S18W82		Pitch=+309", Yaw=-907"	907", Rol	,Roll≖Odeg	H.Ang=84deg
Start Optical		End times	HaClass=SN	\$20W88		Mac.=CKO	Carr.Lon.=159deg	=159deg	H.Ang=90deg
(RBS 20:25:44	20:30:47	21:08 21:02:17	Importance=M6 Peakc/s=11200	Qual=00 Qual=01	Tot Cts=1.07E+6	MaxkeV=603			000
	20:32	21:03	CaPeak.c/s=4730	Qual= 1	FePeak=20:31	FePeak.c/s=2225		dt= 3.8s	XEN=828707
PCS UVSP 20:32 Padio Frequen	0:32 Enamero(MH+) /Eliiv (s.fii) :	],,,, (c. f.,,).	Wavelength=1375A Code=00	Code=00	Exp #=75242	kast=U.xU Rast=10"x10"	Step=0"	_	, Yaw=-916"
٦ /	21:03	21:05	CaPeak.c/s=207	Associated Qual= 5	Event # = 21924 FePeak=21:03		#Peaks=1	1	XEN=828708
SP 20:50			Wavelength=1375A		Exp #=75244	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s Pitch=+364"	1.024s/prxel ",Yaw=-891"
ent # = 9579 3/10/13,23:41	D0Y=287		SMM Pointing:	S24W83		Pitch=+404", Yaw=-872", Roll=Odeg	=-872", Rol	1=0deg	H.Ang=86deg
51471 60ES 23:38 HXRBS 23:38:47 BCS 23:40	23:41 23:38:56 23:40	23:43 23:40:11 23:42	<pre>Importance=C1 Peakc/s=92 CaPeak.c/s=33</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=852 FePeak=23:40	MaxkeV=101 FePeak, c/s=8	#Peaks=1	dt= 7.7s	XEN=828709
FCS UVSP 23:39 Radio Sweeps Radio Frequen	3:39 Type/Intensity eeps Type/Intensity Frequency(MHz)/Flux(sfu)		Wavelength=1375A C 111/2 245/250 410/68	Code=00	Exp #=75253	kast=U~xU" Rast=265"x265"	Step=0: Step=5"		1.024s/p1xe1 ",Yaw=-859"
				88/10/14	4 D0Y=288				
/ent # = 9580 3/10/14,02:43		 +	SMM Pointing:	S24W83		Pitch=+404",Yaw=-872",Roll=Odeg	=-872", Rol	]=0deg	H.Ang=86deg
Start GOES 02:40 HXRBS 02:40:45 UVSP 02:31	02:43 02:41:30	02:42:04	Importance=B8 Peakc/s=95 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=1025 Exp #=75264	MaxkeV=72 Rast=110"x200"	Step=5"	Pitch=+463",Yaw≃-887"	, Yaw≖-887"

Event 88/10/ GOES HXRBS UVSP		DOY=288 Peak 07:34 07:31:29	End times 07:40 07:31:49	Importance=C1 Peakc/s=67 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=270 Exp #=75282	MaxkeV=72 Rast=110"x200"	Step=5"	Pitch=+463",Yaw=	, Үам=-887"
Event 88/10/1	Event # = 9582 88/10/14,15:07 Start GOES HXRBS 15:07:18 UVSP 14:49	DOY=288 Peak 15:07:27	End times 15:07:55	Peakc/s=52 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=145 Exp #=75294	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+283", Yaw=-687"	-687"
Event # 88/10/14 GOES   HXRBS   UVSP	= 9583 1,18:49 Start 18:45 18:54	DOY=288 Peak 18:49 18:47:22	End times 18:52 18:48:08	Importance=B6 Peakc/s=50 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=303 Exp #=75299	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+283", Yaw≡	, Yaw=-687"
Event # 88/10/14 Signer	= 9584 ,20:04 tart 0:04:15 0:28	00Y=288 Peak 20:04:38	End times 20:04:57	Peakc/s=65 Wavelength=2788A	Qua1=00 Qua1=01	Tot Cts=355 Exp #=75301	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+283", Yaw=-687"	-687"
Event #88/10/; 888/10/; 60ES BCS FCS UVSP	Event # = 21925 88/10/14,20:14 Start GOES 20:10 BCS 20:06 FCS 20:28	DOY=288 Peak 20:14 20:13	End times 20:43 20:22	Importance=C1 CaPeak.c/s=43 Wavelength=2788A	Qua]=01 Qua]= 1	FePeak=20:13 Exp #=75301	FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s XEN=8 Cad=1.02s 1.024 Pitch=+283", Yaw=	XEN=828800 1.024s/pixel
Event #88/10/ 88/10/ GOES BCS FCS	21926 24:05 art :58	D0Y=289 Peak 04:05 04:04	End times 04:23 04:08	Importance=C1 CaPeak.c/s=21	88/10/15 Qual=01 Qual= 4	FePe	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s XEN=8 Cad=1.02s 1.024	XEN=828900 1.024s/pixel
UVSP	03:54			Wavelength=1375A	Code=00	Exp #=75321	Rast=110"x200"		Pitch=+393", Yaw≖	-887"
Event # 88/10/1# Optical GOES HXRBS	= 9585 5,20:47 Start 20:38 20:37:18	DOY=289 Peak 20:47 20:38:30	End times 20:52 20:41:22	SMM Pointing: HaClass=SN Importance=C2 PeakC/s=74 Wavelength=1375A	N23E07 Qual=01 Qual=01 Code=00	AR5193 Tot Cts=3239 Exp #=75372	Pitch=+404", Yaw: Mac.=BX0 MaxkeV=132 Rast=110"x200"	,Yaw=-903",Roll=Odeg Carr.Lon.=37deg 00" Step=5" Pitch	-+368"	H.Ang=18deg ,Yaw=-918"
			***************************************							

XEN=828901 1.024s/pixel		H.Ang=50deg	-14", Yaw=-537"	H.Ang=55deg	, Yaw=-592"	H.Ang=18deg	H.Ang=88deg	", Yaw=+79"		H.Ang=87deg	XEN=829100	1.024s/pixe! ",Yaw=+912"	H.Ang=21deg	', Yaw=-167"	H.Ang=21deg	Pitch=-309",Yaw=-122"
dt= 3.8s X Cad=1.02s 1 Pitch=+358"	[ ]	, Roll=Odeg	,NS,GB Pitch=-14"	]]=0deg	Pitch=-23"	, Roll=Odeg	.=301deg	Pitch=-153"		11=0deg		Cad= 590s 1 Pitch=-336",	11=0deg	Pitch=-281"	, Roll≖Odeg	Pitch=-309'
#Peaks=1 Step=0" Sten=5"	- 1 1	w=-719", Ro	Flags=EN,NS,GB Step=0" Pitch=	w=-778", Ro	Step=0"	, Yaw=-99", Rol	Carr.Lon.=301deg	Step=0"		, Yaw=+901", Roll=0deg	Flags=M5 #Peaks=2		, Yaw=-176", Roll=Odeg	Step=5"	-176"	Step=0"
FePeak.c/s=10 Rast=0"x0" Rast=110"x200"		Pitch=-148", Yaw=-719"	MaxkeV=603 Rast=180"x1"	Pitch=-157", Yaw=-778", Roll=Odeg	MaxkeV=72 Rast=180"x1"	Pitch=-287", Ya		MaxkeV=72 Rast=180"x1"		Pitch=-344", Ya	MaxkeV=132 FePeak.c/s=415	Kast=240"x240" Rast=265"x265"	Pitch=-289", Ya	MaxkeV=72 Rast=265"x265"	Pitch=-289", Yaw=.	MaxkeV=72 Rast=10"x10"
FePeak=21:04 Exp #=75374	-		Tot Cts≈553 Exp #=75388		Tot Cts=3834 Exp #=75398		AR5200	Tot Cts=17939 Exp #=75405	D0Y=291		Tot Cts=1.67E+5 FePeak=04:28	Exp #=75422		Tot Cts=1330 Exp #=75426		Tot Cts=1080 Exp #=75429
Qual=03 Qual= 1 Code=00	88/10/16	N13W50	Qual=02 Qual=03 Code=01	N13W56	Qual=01 Qual=01 Code=00	N23W06	N22E90	Qual=03 Qual=01 Code=02	88/10/17	N21E89	Qual=03 Qual=01 Qual= 1	Code=00	N23W11	Qual=00 Qual=01	N23W11	Qual=00 Qual=01
Importance=C3 CaPeak.c/s=50 Wavelength=1375A	- 1 1	SMM Pointing:	Importance=Cl Peakc/s=116 Wavelength=2788A	SMM Pointing:	Importance=C3 Peakc/s=101 Wavelength=2788A	SMM Pointing:	HaClass=SF	importance=t9 Peakc/s=240 Wavelength=2788A		SMM Pointing:	Importance=M2 Peakc/s=279 CaPeak.c/s=1733	Wavelength=1375A	SMM Pointing:	Peakc/s=62 Wavelength=1375A	SMM Pointing:	Peakc/s=67 Wavelength=1375A
End times 21:50 21:30		the times	05:50 05:25:17	# + T	16:03 15:25:29	+ + +	ב ב	20:49:06		Ē	22 22		Fod + impo	02:33	Fnd times	21:33
DOY=289 Peak 21:06 21:04		DOY=290	05:29 05:29 05:25:12	D0Y=290	15:27 15:23 15:23:16	D0Y=290	reak 20.40	20:48 20:44:35		D0Y=291	04:38 04:23:13 04:30		D0Y=291	05:57:57	D0Y=291	06:18:56
# = 21927 /15,21:06 Start 20:52 20:57 21:04		# = 9586 /16,05:29 Start	05:25 05:25:03 05:18	# = 9587 '16,15:27 Start	DES 15:23 XRBS 15:22:35 VSP 15:18	# = 9588 /16,20:48		20:41:53 20:42:53 20:57		# = 9589 /17,04:38 Start	03:50 04:04:53 04:05	04:35	# = 9590 /17,05:57 Start	05:57:06 05:56	# = 9591 /17,06:18 Start	06:18:38 06:16
Event # 88/10/15 60ES 2 BCS 2 FCS UVSP 2		Event # 88/10/16	GOES HXRBS UVSP	Event 88/10/	GOES HXRBS UVSP	Event # 88/10/16	Optica	HXRBS UVSP		event 88/10/	GOES HXRBS BCS	UVSP	Event 88/10/	GOES HXRBS UVSP	Event 88/10/	GOES HXRBS UVSP

Event # = 88/10/17,	# = 9592 17,06:24 Start	00Y=291	Fnd +igh	SMM Pointing:	N23W11		Pitch=-289", Yaw	, Yaw=-176", Roll	, Roll=Odeg	H.Ang≈21deg
GOES HXRBS UVSP	06:24:37 06:16		06:2	Peakc/s=55 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=157 Exp #=75429	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=-309", Yaw=-122	', Yaw=-122"
Event 88/10/	# = 9593 17,07:57	D0Y=291	! 6	SMM Pointing:	N23W12		Pitch=-289", Yaw=-189"	/=-189", Rol	, Roll=Odeg	H.Ang=21deg
GOES HXRBS UVSP Radio	Start 07:53 07:53 14XRBS 07:51:36 14XRBS 07:53 14XRBS 07:53 14XRBS 07:53 14XRBS 07:53 14XRBS 07:53	rart Feak End tim 7:53 07:57 08:16 7:51:36 07:53:35 07:56:4 7:53 Frequency(MHz)/Flux(sfu)		Importance=C9 Peakc/s=830 Wavelength=1375A 2695/48 4995/130	Qual=03 Qual=01 Code=00 8800/92	Tot Cts=19880 Exp #=75435	MaxkeV=193 Rast=10"x10"	Step=0"	Pitch=-329"	',Yaw=-200"
Event 88/10/	t # = 9594 0/17,09:28	DOY=291	+ + + + + + + + + + + + + + + + + + +	SMM Pointing:	N23W13		Pitch=-203", Yaw	, Yaw=+288", Roll=90deg	=90deg	H.Ang≂21deg
GOES HXRBS UVSP	3tart 09:28:27 08:54	09:28:47	09:2	Peakc/s=57 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=305 Exp #=75436	MaxkeV=72 Rast=243"x243"	Step=3"	Pitch=-197"	', Yaw=+301"
Event 88/10/	# = 9847 17,11:10	D0Y=291	1	SMM Pointing:	00M90N		Pitch=+1", Yaw=+2", Roll=0deg	-2", Roll=0de	Ď <sub>e</sub>	H.Ang=Odeg
GOES HXRBS UVSP	art :45 :46:53 :01	reak 11:10 10:47:44	End times 11:45 . 10:50:12	Importance=C8 Peakc/s=125 Wavelength=2788	\ual=02 \ual=01 \cde=00	Tot Cts=4469 Exp #=75438	MaxkeV=72 Rast=180"	Flags=I Step=0"	α.	, Үаw=+185"
HXRBS HXRBS		10:53:22 11:03:07	10:53:22 10:53:52 11:03:07 11:03:48	Peakc/s=75	Associated Qual=01 Associated Qual=01	Event # = 9848 Tot Cts=953 Event # = 9849 Tot Cts=1180	MaxkeV=72 MaxkeV=72	Flags=I Flags=I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event 88/10/		D0Y=291	-	SMM Pointing:	N06W00		Pitch=+1", Yaw=+2"	-2", Roll=0deg	50	H.Ang=0deg
GOES HXRBS UVSP	Start GOES 14:07 HXRBS 14:08:08 UVSP 14:10	Peak 14:24 14:08:59	End times 14:42 14:12:28	Importance=M1 Peakc/s=121· Wavelength=2788A	Qual=02 Qual=01 Code=01	Tot Cts=5410 Exp #=75442	MaxkeV=72 Rast=180"x1"	Flags=I Step=0"	Pitch=+134"	', Yaw=+185"
Event 88/10/	Event # = 9853 88/10/17,15:48	D0Y=291		SMM Pointing:	N23W16		Pitch=-291", Yaw	, Yaw=-252", Rol	, Roll=Odeg	H.Ang=24deg
Optical GOES HXRBS	start 11 15:40 15:42:04		End times 16:17 15:49:04	HaClass=SF Importance=M2 Peakc/s=779	N20E84 Qual=03 Qual=01	Tot Cts=79757	Mac.=DA0 MaxkeV=132	÷	=297deg	H.Ang≖8
UVSP	15:45			Wavelength=2788A	Çode=00	Exp #=75444	Rast=180"x1"	Step=0"	Pitch=-157"	", Yaw=-75"
Event 88/10/	# = 9596 17,16:27 Start		1	SMM Pointing:	N24E88		Pitch=-382", Yaw	, Yaw=+883", Roll=Odeg	l=0deg	H.Ang=86deg
GOES HXRBS BCS BCS	GOES 16:22 HXRBS 16:24:29 BCS 16:25	16:27 16:25:42 16:26	17:25 16:26:04 17:23	<pre>Importance=C8 Peakc/s=54 CaPeak.c/s=247</pre>	Qual=05 Qual=02 Qual= 5	Tot Cts=560 FePeak=16:26	MaxkeV=72 FePeak.c/s=34	Flags=SN #Peaks=1	dt= 3.8s X	XEN=829101 1 024s/nivel
uvsp	16:20			Wavelength=2788A	Code=00	Exp #=75445	Rast=180"x1"		Pitch=+134	", Yaw=-79"

Event 88/10/	Event # = 9597 88/10/17,17:05 Start	D0Y=291	Fnd times	SMM Pointing:	N24E88		Pitch=-382", Yaw=+883", Roll=Odeg	=+883", Rol	1=0deg	H.Ang=86deg
GOES HXRBS UVSP		17:05:02		Peakc/s=83 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=639 Exp #=75446	MaxkeV=162 Rast=180"x1"	Step=0"	Pitch=-248	Pitch=-248",Yaw=+1069"
Event 88/10/1 GOES BCS FCS UVSP	Event # = 21928 88/10/17,18:13 Start GOES BCS 17:59 FCS 17:54	DOY=291 Peak 18:13	End times 18:17	CaPeak.c/s=41 Wavelength=2788A	Qua]=00 Qua]= 1	FePeak=18:00 Exp #=75447	FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s ) Cad=1.02s ] Pitch=-248",	XEN=829102 1.024s/pixe1 ", Yaw=+1069"
Event 4 88/10/1 GOES BCS FCS UVSP	Event # = 21929 88/10/17,18:28 Start GOES 18:24 BCS 18:27 FCS	D0Y=291 Peak 18:28 18:28	End times 18:31 18:30	Importance=C2 CaPeak.c/s=19 Wavelength=2788A	Qua]=01 Qua]= 4	FePeak=18:28 Exp #=75448	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-248",	XEN=829103 1.024s/pixel ', Yaw=+814"
Event # 88/10/1 0ptical GOES HXRBS FCS UVSP	= 9598 7,20:22 Start 20:16 20:10:51 20:25	DOY=291 Peak 20:22 20:18:03 20:20	End times 20:40 20:21:44 20:31	SMM Pointing: HaClass=SF Importance=C4 Peakc/s=65 CaPeak.c/s=140 Wavelength=2788A	N24E88 N24W15 Qual=03 Qual=11 Qual=1	AR5193 Tot Cts=4004 FePeak=20:19 Exp #=75450	Pitch=-382", Yaw Mac.=DAI MaxkeV=72 FePeak.c/s=35 Rast=0"x0" Rast=180"x1"	', Yaw=+883", Roll=Odeg Carr.Lon.=33deg 35 #Peaks=1 dt= 3 Step=0" Cad=3 ." Step=0" Pitch	,Roll=Odeg Lon.=33deg S=1 dt= 3.8s O" Cad=3840s O" Pitch=-248"	H.Ang=86deg H.Ang=23deg XEN=829104 3840s/pixel ', Yaw=+814"
Event # 88/10/1 GOES HXRBS BCS FCS UVSP	Event # = 9599 88/10/17,21:11 L Start GOES 21:08 HXRBS 21:08:16 2 BCS 21:07 2 FCS	00Y=291 Seak 21:11 21:09:21	End times 21:30 21:10:13 21:25	SMM Pointing: Importance=C2 Peakc/s=82 CaPeak.c/s=25 Wavelength=2788A	N21E88 Qual=01 Qual=1 Qual= 1 Code=00	Tot Cts=2116 FePeak=21:09 Exp #=75451	Pitch=-344", Yaw=+899", Roll=Odeg MaxkeV=193 FePeak.c/s=13 #Peaks=1 dt= 7 Rast=0"x0" Step=0" Cad=1 Rast=180"x1" Step=0" Pitch	=+899", Rol #Peaks=1 Step=0" Step=0"	l=Odeg H dt= 7.7s X Cad=1.02s 1 Pitch=-210",	H.Ang=86deg XEN=829105 1.024s/pixel
Event # 88/10/1 GOES BCS FCS UVSP	Event # = 21930 88/10/17,21:57 Start GOES BCS 21:57 FCS UVSP 22:00	DOY=291 Peak 21:57	End times 21:58	CaPeak.c/s=52 Wavelength=2788A	Qual=00 Qual= 6	FePeak=21:57 Exp #=75452	FePeak.c/s=64 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=3840s Pitch=-210",	XEN=829106 3840s/pixel ,Yaw=+829"

				88/10/18	8 D0Y=292		ALLE D'ORIGINATION DE SETTEMBRE LE PROPRIE L		
Event # = 9600 88/10/18.00:40	D0Y=292		SMM Pointing:	N21E88		Pitch=-344",Y	, Yaw=+899", Roll=0deg	1=0deg	H. Ang=86deg
Start	Peak	End times	Ha. Class=18	N18F77	AR5200	Mac.=DA0	Carr. 1 on. =299ded	=299den	H. Ang=76deg
00:34 00:33:41 01:07	00:40 00:34:54	00:51 1 00:41:28	Importance=M2 Peakc/s=3513 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=1.08E+5 Exp #=75456		Step=0"	-210"	, Yaw=+829"
Event # = 9601 88/10/18,02:30	DOY=292		SMM Pointing:	N21E88		Pitch=-344",Y	, Yaw=+899", Rol	, Roll=Odeg	H.Ang=86deg
	reak	בוות רוווב	HaClass=1F	N18E77	AR5200	Mac.=DAI	Carr.Lon.=298deg	=298deg	H.Ang=76deg
	02:23:58 02:23:58	02:24:13	importance=L3 Peakc/s=49 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=110 Exp #=75460	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=-285",Yaw=+890"	, Yaw=+890"
1	DOY=292	1 7	SMM Pointing:	N21E88		Pitch=-344",Y	, Yaw=+899", Roll=Odeg	1=0deg	H.Ang=86deg
GOES 05:24 HXRBS 05:26:36 UVSP 05:24	05:27:00	5:35 05:27:35 05:27:35	Importance=C2 Peakc/s=59 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=340 Exp #=75470	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=-275",Yaw=+895"	, Үам=+895"
Event # = 9603 88/10/18,05:51	D0Y=292	+ 76	SMM Pointing:	N21E88		Pitch=-344",Y	, Yaw=+899", Rol	, Roll=Odeg	H. Ang=86deg
	reak Fr		HaClass=1F	N18E77	AR5200	Mac.=DAI	Carr.Lon.=296deg	=296d <b>e</b> g	H.Ang=76deg
HXRBS 05:40:37 UVSP 05:41 Radio Sweeps	05:31 05:40:55 Type/I	.31 :40:55 05:42:15 Type/Intensity:	Importance=cs Peakc/s=70 Wavelength=1375A III/1	Qual=01 Qual=01 Code=00	Tot Cts=801 Exp #=75472	MaxkeV=101 Rast=10"x10"	Step=0"	Pitch=-270",Yaw=+895"	, Үам=+895"
Event # = 9604 88/10/18,08:31 Start GDES 08:29	DOY=292 Peak 08:31	End times	Importance=C2	0ua]=01					
HXRBS 08:29:23 UVSP 08:22	08:29:52	:51	Peakc/s=99 Wavelength=1375A	Qual=01 Code=00	Tot Cts=1055 Exp #=75480	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=-279",Yaw=+880"	, Yaw=+880"
Event # = 9605 88/10/18,10:24 DOY=292 Start Peak End t	D0Y=292 Peak	imes							
GOES 10:19 HXRBS 10:21:11 UVSP 09:54	10:24 10:21:4 <u>5</u>	90:	Importance=C2 Peakc/s=51 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=177 Exp #=75485	MaxkeV=72 Rast=243"x243"	:" Step=3"	Pitch=-335",Yaw=+912"	,Yaw=+912"
Radio Frequenc	:y(MHz)/!	n):	245/67						÷
	DOY=292								
GOES 11:11 HXRBS 11:13:48	11:15 11:14:02	11:18 11:14:33	Importance=C3 Peakc/s=70 Wavelength=2788A	Qual=01 Qual=11 Code=00	Tot Cts=724 Exp #=75486	MaxkeV=72 Rast=180"x1"	Flags=IS Step=0"	Pitch=-207".Yaw=+828"	., Yaw=+828"

Event # = 9610 88/10/18,11:43 Start GOES 11:41 HXRBS 11:42:59 UVSP 12:04	00Y=292 Peak 11:43	End times 11:46 11:43:29	Importance=C3 Peakc/s=90 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=557 Exp #=75487	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=-206", Yaw=+828"	, Yaw=+828"
Event # = 9611 88/10/18,11:57 DOY=292 Start Peak End times Optical GOES 11:53 11:57 12:30 HXRBS 11:54:05 11:56:03 11:56:52 UVSP 12:04 Radio Frequency(MHz)/Flux(sfu):	DOY=292 Peak 11:57 11:56:03 cy(MHz)/F	End times 12:30 11:56:52 lux(sfu):	HaClass=SF Importance=C4 Peakc/s=147 Wavelength=2788A 245/82	\$21,455 Qual=03 Qual=01 Code=02	AR5190 Tot Cts=2695 Exp #=75487	Mac.=DAO MaxkeV=101 Rast=180"x1"	Carr.Lon.=65deg Step=0" Pitch	65deg   Pitch=-206"	H.Ang=60deg ,Yaw=+828"
Event # = 9862 88/10/18,12:50 Start Optical GOES 12:49 HXRBS 12:49:39 UVSP 12:41	DOY=292 Peak 12:50 12:50:01	End times 12:52 12:50:47	HaClass=SF Importance=C1 Peakc/s=85 Wavelength=2788A	\$22W55 Qual=01 Qual=01 Code=00	AR5190 Tot Cts=372 Exp #=75488	Mac.=DSO MaxkeV=72 Rast=180"x1"	Carr.Lon.=64deg Flags=I Step=0" Pitch	=-206"	H.Ang=60deg
Event # = 9612 88/10/18,15:56 Start Optical GOES 15:53 HXRBS 15:54:01 UVSP 15:58	DOY=292 Peak 15:56 15:54:30	End times 16:10 15:54:45	SMM Pointing: HaClass=SF Importance=C1 Peakc/s=68 Wavelength=1375A	N21E72 S22W57 Qual=01 Qual=01 Code=02	AR5190 Tot Cts=553 Exp #=75498	Pitch=-321", Yaw Mac.=DSO MaxkeV=72 Rast=265"x265"	= ".	311"	H.Ang=71deg H.Ang=62deg ,Yaw=+873"
Event # = 9613 88/10/18,19:45 Start Optical GOES 19:41 HXRBS 19:41:02 UVSP 19:53	DOY=292 Peak 19:45 19:43:20	End times 19:48 19:44:07	SMM Pointing: HaClass=SF Importance=C2 Peakc/s=79 Wavelength=2788A	N21E72 N19E69 Qual=01 Qual=01 Code=02	AR5200 Tot Cts=1884 Exp #=75518	Pitch=-321", Yaw=+854", Mac.=DAO Carr.! MaxkeV=72 Rast=180"x1" Step=(	.on.=	-182"	H.Ang=71deg H.Ang=68deg ,Yaw=+780"
Event # = 21931 88/10/19,01:37 Start GOES 01:28 BCS 01:35 FCS UVSP 01:12	DOY=293 Peak 01:37 01:36	End times 01:51 01:44	Importance=C1 CaPeak.c/s=20 Wavelength=2788A	88/10/19 Qual=01 Qual= 4	9 D0Y=293 FePeak=01:36 Exp #=75525	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-178"	XEN=829300 1.024s/pixel ", Yaw=+764"
Event # = 9615 88/10/19,03:26 Start GOES HXRBS 03:26:15 UVSP 03:43	DOY=293 Peak 03:26:40	End times 03:26:56	SMM Pointing: Peakc/s=51 Wavelength=2788A	N21E68 Qual=00 Qual=01	Tot Cts=204 Exp #=75527	Pitch=-311", Yaw=+833", Roll=Odeg MaxkeV=72 Rast=180"x1" Step=0" Pitch	=+833", Roll= Step=0" F	=-176"	H.Ang=67deg ,Yaw=+756"

Event # 88/10/1	# = 9614 19, 10:04			SMM Pointing:	N21E64		Pitch=-306", Yaw	, Yaw=+807", Roll=0deg	]=0deg	H.Ang=63deg
GOES HXRBS UVSP	Start 10:00 S 10:00:26 09:56	Peak 10:04 10:02:35	End times 10:10 10:03:54	Importance=Cl Peakc/s=65 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=1393 Exp #=75546	MaxkeV≈72 Rast=10"x10"	Step=0"	Pitch=-261"	', Yaw=+814"
Event #88/10/1 60ES BCS FCS UVSP	t # = 21932 5/19,12:17 Start 12:00 12:15 12:18	DOY=293 Peak 12:17 12:16	End times 12:35 12:23	Importance=C1 CaPeak.c/s=21 Wavelength=1375A	Qual=04 Qual= 4 Code=02	FePeak=12:15 Exp #=75553	FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s ) Cad=1.02s Pitch=-296"	XEN=829301 1.024s/pixel ", Yaw=+807"
Event   88/10/	Event # = 9617 88/10/19,13:00 Start	D0Y=293	End times	SMM Pointing:	N21E62		Pitch=-303", Yaw	, Yaw=+795", Rol	, Roll=Odeg	H.Ang=62deg
Optica GOES HXRBS	12:47 12:55:03 12:55:03	13:00 12:56:09	41 59:03	ortance=C5	\$14¥70 Qual=03 Qual=01	S14W70 AR5184 Qual=03 Qual=01 Tot Cts=12348		Carr.Lon.=66deg	=66deg H.Ang=72d pi+ch=_264" Vaw=+803	H.Ang=72deg
Radio	Frequen	cy(MHz)/F	Jux(sfu):	245/89 410/200 60	06/130 14	15/10 2695/82	4995/140 8800/99 1	15400/57		
Event 88/10/360ES BCS BCS	:# = 21933 )/19,13:47 Start 13:46 13:48	D0Y=293 Peak 13:47 13:48	End times 13:50 13:49	Importance=C2 CaPeak.c/s=21	Qual=01 Qual= 5	FePeak=13:48	FePeak. c/s=7	#Peaks=1	dt= 7.7s	XEN=829302
UVSP	13:52			Wavelength=1375A	Code=02	Exp #=75559	Rast=265"x265"	Step=5"		", Yaw=+801"
Event # 88/10/19	# = 9618 19,13:53	DOY=293	# PCU	SMM Pointing:	N21E62		Pitch=-303", Yaw=+795"	r=+795", Rol	, Roll=0deg	H.Ang=62deg
GOES HXRBS BCS	3.50 13:50 13:49:45 13:51	13:53 13:50:02 13:52	14:08 14:08 13:50:36 14:03	Importance=C2 Peakc/s=69 CaPeak.c/s=64	Qual=01 Qual=01 Qual= 1	Tot Cts=587 FePeak=13:51	MaxkeV=72 FePeak.c/s=15	#Peaks=1	dt= 3.8s	XEN=829303
UVSP	13:52			Wavelength=1375A	Code=00	Exp #=75559	Kast=240"X240" Rast=265"x265"		cad= 2628 1 Pitch=-295",	1.024s/plxel ",Yaw=+801"
Event # 88/10/19	# = 21934 19,15:43 Start	D0Y=293 Peak	End times	HaClass=SN	N32E51	AR5198	Mac.=HSX	Carr. Lon.=303deg	=303deg	H.Ang=54deg
GOES GOES FCS FCS	15:21 15:29 15:41	15:43 15:42	16:07 15:54	Importance=C2 CaPeak.c/s=37 Peak3c/s=-1		FePeak=15:45 Fxn #=75567	FePeak.c/s=7 Rast=0"x0" Rast=265"x265"		7s 6s -294'	XEN=829304 0.256s/pixel Yaw=+794"
	;			S S S S S S S S S S S S S S S S S S S	- 1			- 1		

H. Ang=59deg	XEN=829305 3840s/pixel ',Yaw=+781"	H. Ang=59deg	H.Ang=59deg XEN=829306	3840s/p1xe1 ",Yaw=+716"	H.Ang=58deg	EN=829307	3840s/pixel ",Yaw=+774"	H. Ang=58deg	, Yaw=+774"	H.Ang=58deg	H.Ang=55deg	, Yaw=+774"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H.Ang=57deg	Yaw≈+685"
	dt= 7.7s X Cad=3840s Pitch=-292",		=294deg dt= 7.7s	Cad=3840s Pitch=-360		dt= 7.7s X	Cad=3840s   Pitch=-291",		Pitch=-291",	, Roll=Odeg H		Pitch=-291",	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, Roll=Odeg H	Pitch=-163",Yaw=+685"
Carr. Lon. =294deg	#Peaks=1 Step=0" Step=5"	, Yaw=+775", Ro	Carr.Lon.=294deg #Peaks=1 dt= 7.	Step=0" Step=5"	, Yaw=+764", Roll=0deg		Step=0" Step=3"	w=+764", Ro	Step=3"	, Yaw=+764", Rol	Carr.Lon.=296deg	Step=3"	1 1 1	, Yaw=+753", Rol	Step=0"
Mac.=EKI	FePeak.c/s=10 Rast=0"x0" Rast=265"x265"	Pitch=-300", Ye	Mac.=EKI MaxkeV=101 FePeak.c/s=66	Kast=U"xU" Rast=130"x130"	Pitch=-299", Ya	MaxkeV=72 FePeak, c/s=24	Kast=0"x0" Rast=243"x243"	Pitch=-299", Yaw=+764", Roll=Odeg	MaxkeV=72 Rast=243"x243"	Pitch=-299", Ya	Mac.=EKI	MaxkeV=226 Rast=243"x243"	MaxkeV=101	Pitch=-302", Ya	MaxkeV=72 Rast=180"x1"
AR5200	FePeak=18:30 Exp #=75582		AR5200 Tot Cts=47788 FePeak=19:11	Exp #=75587		Tot Cts=1081 FePeak=20:09	Exp #=75590		Tot Cts=156 Exp #=75590		AR5200	Tot Cts=13286 Exp #=75590	Event # = 9623 Tot Cts=3172		Tot Cts=303 Exp #=75591
N20E59 Qua]=01		N21E59	N26E58 Qual=03 Qual=01 Qual= 1	Code=00	N21E58	Qual=01 Qual=01 Qual= 1	Code=00	N21E58	Qual=01 Qual=01 Code=00	N21E58	N21E55	Qual=01 Code=00	606/75 Associated Qual=01	N21E57	Qual=00 Qual=01
HaClass=SF Importance=C2	CaPeak.c/s=33 Wavelength=1375A	1	HaClass=1B Importance=M1 Peakc/s=194 CaPeak.c/s=345	Wavelength=1375A 410/50 606/57	SMM Pointing:	<pre>Importance=C7 Peakc/s=72 CaPeak.c/s=167</pre>	Wavelength=2788A	SMM Pointing:	Importance=C5 Peakc/s=51 Wavelength=2788A	SMM Pointing:	HaClass=IF	Peak/s=721 Wavelength=2788A	120 410/50 180	SMM Pointing:	Peakc/s=62 Wavelength=2788A
End times 18:51	18:3/	End times	20:02 19:18:29 19:28	·lux(sfu):	4	20:21 20:08:43 20:08:43 21:02		20m;+	20:22:21	+ pa 1	21.00	Η.	lux(sfu): 	Fnd +imes	21:4
DOY=293 Peak 18:26	<del></del>	D0Y=293 Peak	19:16 5 19:05:47 19:13	19:11 Frequency(MHz)/Flux(sfu)		20:10 20:07:41 20:07:41		DOY=293	20:23 20:22:12	DOY=293	20.57	20:51:07	cy (MHz)/F1 20:54:02	D0Y=293	
Event # = 21935 88/10/19,18:26 Start Optical GOES 18:19	18:29 18:34	Event # = 9619 88/10/19,19:16 Start	18:59 19:00:15 19:02	19:11 Frequen	# = 9620 '19,20:10	50ES 50.07 HXRBS 20:07:23 BCS 20:03	20:07	# = 9621 /19,20:23	GOES 20:21 HXRBS 20:21:59 UVSP 20:07	Event # = 9622 88/10/19,20:57	1] 11 20.51	20:50:17 20:07	Frequency (MHz)/Flux(sfu)  - 20:52:39 20:54:02 20:55:4	Event # = 9624 88/10/19,21:48 Start	21:47:46 21:33
Event 88/10/ 0ptica GOES	FCS WSp	Event 88/10/	Optical GOES HXRBS BCS	rus UVSP Radio	Event 88/10/	GOES HXRBS BCS	S A S	Event 88/10/	GOES HXRBS UVSP	Event 88/10/	Optica	HXRBS UVSP		Event 88/10/	GOES HXRBS UVSP

88/10/1	Event # = 9625 88/10/19.22:13	D0Y=293		SMM Pointing:	N21E57		Pitch=-302", Yaw	, Yaw=+753", Rol	,Roll=Odeg	H.Ang=57deg
Optical	Start		End times	Class=SN	N19E54	AR5200	Mac.=EKI	Carr.Lon.	=297deg	H.Ang=54deg
GOES HXRBS BCS	22:07 22:06:42 22:06	22:13 22:11:48 22:13	22:19 : 22:26:40 : 22:20		Qual=01 Qual=01 Qual= 1	Tot Cts=56085 FePeak=22:12	MaxkeV=193 FePeak.c/s=285 Dast=0"v0"		dt= 3.8s	XEN=829308 3840s/nixel
FCS UVSP Radio	22:30 Frequen	22:30 Frequency(MHz)/Flux(sfu)	:Jux(sfu):	Wavelength=2788A 410/140 606/180 4	4995/57 88	Exp #=75592 8800/150 15400/130	Rast=180"x1" 0	Step=0"	Pitch=-163"	, Yaw=+680"
Event 4 88/10/1	Event # = 21936 88/10/19,22:20 Start	D0Y=293	End times							
GOES BCS	22:20	22:20	22:35	CaPeak.c/s=31	Qual=00 Qual= 5	FePeak=22:22	FePeak.c/s=14	#Peaks=1	dt= 7.7s Cad=3840s	XEN=829309
UVSP	22:30			Wavelength=2788A		Exp #=75592		Step=0"	Pitch=-163	, Yaw=+680"
Event # 88/10/19	f = 9626 9,23:13	D0Y=293	1	SMM Pointing:	N21E57		Pitch=-302", Yaw	, Yaw=+753", Roll=Odeg	]=0deg	H.Ang=57deg
GOES HXRBS BCS	Start 23:07 23:09:44 23:11	Peak 23:13 23:10:41 23:13	23:19 23:14:16 23:33	Importance=C4 Peakc/s=236 CaPeak.c/s=167	Qual=01 Qual=01 Qual= 1	Tot Cts=6941 FePeak=23:12	MaxkeV=101 FePeak.c/s=47	#Peaks=1	dt= 3.8s	XEN=829310
FCS UVSP Radio	23:05 Frequen	23:05 Frequency(MHz)/Flux(sfu)	-lux(sfu):	Wavelength=2788A 606/140 2695/18 8	Code=00 3800/29 13	Code=00 Exp #=75593 8800/29 15400/13	Rdst=180"x1"	Step=0"	Σ.	, Yaw=+677"
Event # 88/10/19	# = 9627 19,23:18	DOY=293	Fod +impo	SMM Pointing:	N21E57		Pitch=-302", Yaw	, Yaw=+753", Roll=Odeg	]≖0deg	H.Ang=57deg
GOES HXRBS UVSP	23:17:34 23:05		23:1	Peakc/s=55 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=498 Exp #=75593	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=-162"	', Yaw=+677"
					88/10/2	0 D0Y=294				
Event 88/10/	Event # = 9628 88/10/20,00:57	D0Y=294		SMM Pointing:	N21E56		Pitch=-296",Yaw	, Yaw=+743", Rol	, Roll=Odeg	H.Ang=56deg
Optica	Start       Start		End times	HaClass=SF	N23W45	AR5193	Mac.=DAO	Carr.Lon.=34deg	,=34deg	H.Ang=47deg
GOES HXRBS ( UVSP ( Radio	~~	0:50 00:57 01:0 0:50:19 00:50:43 00:0 0:40 Frequency (MHz) / Flux (	51:18 sfu):	Importance-cz Peakc/s=63 Wavelength=2788A 606/31	Qual=01 Qual=01 Code=01	Tot Cts=550 Exp #=75595	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=-161"	", Yaw=+670"
Event 88/10/	# = 9629 20,01:22	D0Y=294	1 8	SMM Pointing:	N21E56		Pitch=-296", Yaw	, Yaw=+743", Rol	, Roll=Odeg	H.Ang=56deg
GOES HXRBS BCS	Start GOES 01:17 HXRBS 01:16:58 ( BCS 01:19 (	01:22 3 01:17:43 01:19	01:2	Importance=C2 Peakc/s=265 CaPeak.c/s=24	Qual=01 Qual=01 Qual= 4	Tot Cts=3170 FePeak=01:19	MaxkeV=193 FePeak.c/s=7 Dast=0"x0"	Flags=M5 #Peaks=1 Sten=0"	dt= 7.7s Cad=3840s	XEN=829400 3840s/pixel
FCS UVSP Radio	01:38 Frequer	ıcy (MHz)/	01:38 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 8800/37 15400/90		Exp #=75596	Rast=180"x1"	Step=0"	Pitch=-161	", Yaw=+665"

Event # = 21937 88/10/20,02:19 Start GOES 02:11 BCS 02:23 FCS 02:23	DOY=294 Peak 02:19 02:24	End times 02:30 02:31	Importance=C2 CaPeak.c/s=33 Wavelength=2788A	Qual=01 Qual= 5 Code=00	FePeak=02:23 Exp #=75597	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=3840s Pitch=-160",	XEN=829401 3840s/pixel ', Yaw=+662"
Event # = 21938 88/10/20,02:55 Start GOES 02:52 BCS 02:54 FCS 02:54 UVSP 03:11	3 D0Y=294 Peak 02:55 02:54	End times 03:02 03:00	Importance=C1 CaPeak.c/s=24 Wavelength=2788A	Qua]=01 Qua]= 4	FePeak=02:54 Exp #=75598	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	*Peaks=1 Step=0" Step=0"	dt= 7.7s Xi Cad=3840s Pitch=-159",	XEN=829402 3840s/pixel ', Yaw=+657"
Event # = 9630 88/10/20,06:35 Start GOES 06:15 HXRBS 06:20:12 BCS 06:19 FCS 06:04	D0Y=294 Peak 06:35 2 06:20:43	End times 06:50 06:24:22 06:25	SMM Pointing: Importance=M1 Peakc/s=68 CaPeak.c/s=38 Wavelength=1375A	N21E52 Qual=02 Qual=01 Qual= 2	Tot Cts=3840 FePeak=06:22 Exp #=75617	Pitch=-292", Yaw MaxkeV=72 FePeak.c/s=8 Rast=0"x0" Rast=10"x10"	',Yaw=+712",Roll=Odeg Flags=ND R #Peaks=1 dt= 7 Step=0" Cad=3 Step=0" Pitch	.7s 840s =-243	H.Ang=53deg XEN=829404 3840s/pixel ", Yaw=+688"
Event # = 12769 88/10/20,11:00 Start HXRBS 11:00:12 UVSP 11:00	9 DOY=294 Peak 2 11:00:43	End times 3 11:00:48	SMM Pointing: Peakc/s=58 Wavelength=2788A	N21E50 Qual=01	Tot Cts=522 Exp #=75644	Pitch=-289", Yaw MaxkeV=295 Rast=180"x1"	,Yaw=+689",Rol Flags=ND, Step=0"	+689",Roll=Odeg Flags=ND,NS,GB Step=0" Pitch=-155"	H.Ang=51deg ', Yаw=+616"
Event # = 9631 88/10/20,15:30 Start GOES 15:25 HXRBS 15:25:45 BCS 15:27 FCS 15:27 RCS 15:27 RCS 15:42 WYSP 15:42 Radio Sweeps	# = 9631 20,15:30 DOY=294 Start Peak End 1 15:25 15:30 15:45 15:25:45 15:26:21 15:28 15:27 15:28 15:38 15:42 Type/Intens Frequency (MHz)/Flux(s	:imes 3:17 5:17 ity: fu):	SMM Pointing: Importance=C2 Peakc/s=1802 CaPeak.c/s=54 Wavelength=2788A V/3 245/310 410/73 60	N21E4 Qual= Qual= Qual=	8 01 01 Tot Cts=42536 1 FePeak=15:28 Exp #=75650 4995/80 8800/80	Pitch=-287", Yaw MaxkeV=259 FePeak.c/s=15 Rast=0"x0" Rast=180"x1"	,Yaw=+669",Rol 15 #Peaks=1 Step=0" " Step=0"	,Roll=Odeg H .s=1 dt= 3.8s X .O" Cad=3840s .O" Pitch=-152",	H.Ang=49deg XEN=829406 3840s/pixel ",Yaw=+590"
Event # = 9852 88/10/20,18:52 Start GOES 18:50 HXRBS 18:51:56 UVSP 18:49	DOY=294 Peak 18:52 6 18:51:57	End times 18:54 7 18:52:17	SMM Pointing: Importance=B8 Peakc/s=48 Wavelength=2788A	N21E46 Qual=01 Qual=01 Code=00	Tot Cts=599 Exp #=75654	Pitch=-285", Yaw MaxkeV=72 Rast=180"x1"	,Yaw=+646",Roll= Flags=I,ND " Step=0" F	,Roll=Odeg H.Ang=47d =I,ND 0" Pitch=-151",Yaw=+571	H.Ang=47deg ", Yaw=+571"
Event # = 9632 88/10/20,22:57 Start GOES HXRBS 22:57:33 UVSP 22:34	DOY=294 Peak 3 22:57:4	End times 1 22:57:54	SMM Pointing: Peakc/s=61 Wavelength=2788A	N21E43 Qual=00 Qual=01	Tot Cts=164 Exp #=75659	Pitch=-283", Ya MaxkeV=72 Rast=180"x1"	,Yaw=+615",Rol " Step=0"	,Roll=Odeg 0" Pitch=-148"	H.Ang=45deg ", Yaw=+548"

ent /10/;	Event # = 9633 88/10/20,23:11 Start	D0Y=294 Peak	End times	SMM Pointing:	N21E43		Pitch=-283", Yaw	', Yaw=+615", Roll=Odeg	1=0deg	H.Ang=45deg
tica] ES	 23:04		23:17	HaClass=SF	N22E41	AR5200	Mac.=FKI	Carr.Lon.=296deg	=296deg	H.Ang≈43deg
HXRBS PCS PCS	23:07:01 23:08	23:07:26	23:07:46 23:21	Peakc/s=53 CaPeak.c/s=39	Qual=01 Qual= 1	Tot Cts=262 FePeak=23:10	MaxkeV=72 FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=829407
S S	23:31			Wavelength=2788A		Exp #=75660	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"		3840s/pixel ",Yaw=+543"
1	AC20 - 1				88/10/2]	1 D0Y=295				
88/10/2	%ent # = 9034 8/10/21,02:18 Start	DOY=295 Peak	Fnd times	SMM Pointing:	N21E41		Pitch=-281", Yaw	, Yaw=+595", Rol	,Roll=Odeg	H.Ang=43deg
· mt	02:16	8	:40	HaClass=SF Importance≖Cl	N20E42	AR5200	Mac.=FKI	Carr.Lon.=293deg	=293deg	H.Ang=43deg
HXRBS UVSP	02:16:26 02:39	02:17:01	02:17:40	Peakc/s=83 Wavelength=2788A	Qual=01	Tot Cts=1081 Exp #=75664	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=-147"	, Yaw=+522"
int /	t = 9635 21,03:47	DOY=295		SMM Pointing:	N21E41		Pitch=-281", Yaw=+595", Roll=Odeg	r=+595", Rol	1=0deg	H.Ang=43deg
2888 888	GOES 03:30 HXRBS 03:30:38 UVSP 03:26	03:47 03:30:44	04:12 03:31:02	Importance=C2 Peakc/s=63 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=144 Exp #=75665	MaxkeV=72 Rast=243"x243"	Step=3"	Pitch=-273",	, Yаw=+601"
int 4	t = 9636 11,11:20 Start	1	t pour	SMM Pointing:	N21E36		Pitch=-277", Yaw=+535"	=+535", Rol	, Roll=0deg	H.Ang=39deg
GOES HXRBS BCS	GOES 11:15 HXRBS 11:16:44 BCS 11:18	11:20 11:17:09 11:20	11:30 11:17:29 11:36	Importance=C2 Peakc/s=89 CaPeak.c/s=33	Qual=01 Qual=01 Qual= 1	Tot Cts=674 FePeak=11:18	MaxkeV=72 FePeak.c/s=8	#Peaks=1		XEN=829500
	11:18			Wavelength=1375A	Code≖00	Exp #=75711	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=3840s Pitch=-257"	3840s/pixel ', Yaw=+566"
					88/10/22	2 D0Y=296				
Event # 88/10/2 60ES BCS	t # = 21940 3/22,01:40 Start 01:10 01:26	DOY=296 Peak 01:40 01:29	End times 02:28 02:15	Importance=C1 CaPeak.c/s=24	Qua]=03 Qua]= 4	FePe	FePeak.c/s=6	-	dt= 7.7s	XEN=829600
_م_	01:37			Wavelength=1375A	Code=00	Exp #=75768	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-192",	1.024s/pixel ",Yaw=+409"
nt 10/2	Event # = 21941 88/10/22,06:08 Start GOES 05:55 BCS 06:07	D0Y=296 Peak 06:08 06:07	End times 06:42 06:21	Importance=C3 CaPeak.c/s=54	Qua]=04 Qua]= 5	FePeak=06:07	Febrak C/s=0	#Dooks=1	d+= 7 7c	LOGOCA=N3X
FCS UVSP	80:90			75A	Code=02	Exp #=75798	Rast=0"x0" Rast=10"x10"		Cad=1.02s 1 Pitch=-335",	1.024s/pixel ",Yaw=+315"

Event # = 9637 88/10/22,07:53	1	D0Y=296	Fnd times	SMM Pointing:	N21E25		Pitch=-269", Yaw=+388",	/=+388", Rol	, Roll=Odeg	H.Ang=29deg
GOES HXRBS 0 UVSP 0	_	07:53:35	_	Peakc/s=62 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=146 Exp #=75809	MaxkeV=72 Rast=10"×10"	Step=0"	Pitch=-270",Yaw=+397"	, Yaw=+397"
Event # = 21942 88/10/22,09:24 Start GOES BCS 09:19 FCS 09:14	2,09:24 Start 09:19	DOY=296 Peak 09:24	End times 10:05	CaPeak.c/s=53 Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=09:27 Exp #=75819	FePeak.c/s=7 Rast=115"x115" Rast=243"x243"	#Peaks=1 Step=5" Step=3"	dt= 7.7s XI Cad=1083s 2 Pitch=+382",	XEN=829602 2.048s/pixel ", Yaw=+281"
Event # = 21943 88/10/22,10:44 GOES BCS 10:38 FCS 10:34 UVSP 10:34	2,10:44 Start 10:38 10:34	DOY=296 Peak 10:44	End times 11:39	CaPeak.c/s=35 Wavelength=2788A	Qua]=00 Qua]= 5	FePeak=10:41 Exp #=75820	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-134",	XEN=829603 1.024s/pixel
Event # = 9638 88/10/22,12:34 [ Start F GOES 12:31 HXRBS 12:31:40 [ UVSP 12:09	= 9638 12:34 itart 2:31 2:31:40 2:09	007=296 Seak 12:34 12:32:10	End times 12:42 12:33:21	SMM Pointing: Importance=C2 Peakc/s=245 Wavelength=2788A	N21E23 Qual=01 Qual=01	Tot Cts=4249 Exp #=75822	Pitch=-268", Yaw=+351", Roll=Odeg MaxkeV=163 Rast=180"x1" Step=0" Pitch	/=+351", Rol Step=0"	=-134"	H.Ang=27deg ,Yaw=+282"
Event # = 21944 88/10/22,15:25 Start Optical 60ES 15:10 BCS 15:23 FCS 15:13	= 21944 2,15:25 Start 15:10 15:23 15:13	DOY=296 Peak 15:25 15:26	End times 15:39 16:14	HaClass=SF Importance=C2 CaPeak.c/s=26 Wavelength=2788A	N21E18 Qual=01 Qual= 1 Code=01	AR5200 FePeak=15:26 Exp #=75826	Mac.=FKI FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	Carr.Lon.=297deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	7s 02s -133'	H.Ang=24deg XEN=829604 1.024s/pixel
Event # = 9639 88/10/22,15:40 Start GOES HXRBS 15:40:13 UVSP 15:13	1	DOY=296 Peak 15:40:24	End times 15:40:32	SMM Pointing: Peakc/s=82 Wavelength=2788A	N21E20 Qual=00 Qual=01	Tot Cts=240 Exp #=75826	Pitch=-269", Yaw MaxkeV=72 Rast=180"x1"	, Yaw=+306", Rol Step=0"	,Roll=Odeg H.Ang=25de .0" Pitch=-133",Yaw=+236"	H.Ang=25deg ,Yaw=+236"
Event # = 21945 88/10/22,16:58 Start Optical GOES 16:55 BCS 16:59 FCS 16:59 UVSP 16:46	= 21945 2,16:58 Start 16:55 16:59	DOY=296 Peak 16:58 16:59	End times 17:01 17:00	HaClass=SF Importance=C2 CaPeak.c/s=20 Wavelength=2788A	N24E21 Qual=01 Qual= 4 Code=01	AR5200 FePeak=16:59 Exp #=75828	Mac.=FKI FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	Carr.Lon. #Peaks=1 Step=0" Step=0"	.=293deg H dt= 7.7s X Cad=1.02s 1 Pitch=-133",	H.Ang=28deg XEN=829605 1.024s/pixel ",Yaw=+223"

Type/Intensity:  23:21 23:25 20:27 20:25 20:27 20:27 20:25 20:27 20:25 20:27 20:25 20:27 20:25 20:27 20:25 20:27 20:23:21	Event # = 9640 88/10/22,17:48	9640	D0Y=296	4	SMM Pointing:	N21E19		Pitch=-267", Yaw	, Yaw=+293", Rol1=0deg	1=0deg	H.Ang=24deg
17.47:55   17.48:51   Papering	otical	מו נ	reak 17.40	_	HaClass=SF	N19E12	AR5200	Mac.=FKI	Carr.Lon.	=302deg	H.Ang≃18deg
18.29   18.38		:40 :47:29 :49 requen	17:48:5E 37:47:5E cy (MHz)/F	sf 488	tance=cz c/s=186 ength=2788A 90	Qual=01 Qual=01 Code=02	Tot Cts=726 Exp #=75829	MaxkeV=132 Rast=180"x1"	Step=0"	Pitch=-133'	', Yaw=+215"
18:29   18:38   HaClass=SN   N18E10   AR5200   Hac.=FK1   Carr.Lon.=303deg   HaClass=SN   N18E10   AR5200   Hac.=FK1   Carr.Lon.=303deg   HaClass=SN   N18E10   AR5200   Hac.=FK1   Carr.Lon.=303deg   HaClass=SN   HaClass=S	ent # = 1/10/22, St	9641 18:29 art	D0Y=296 Peak	times	SMM Pointing:	N21E18		Pitch=-266", Yaw	#=+280", Rol	]=0deg	H.Ang=24deg
18:29   18:35   CaPeakc/s=75   Qual=5   FePeak=18:29   FePeak.c/s=18   FePeak=101   Fast=0'102s	tical	.51	18.20			N18E10	AR5200	Mac.=FKI	Carr.Lon.	=303deg	H.Ang=16deg
Type/Intensity: Wavelength=2788A Code=00 Exp #=75830 Rast=180"x1" Step=0" Ditch=-132 V/3 V/3 Code=00 Exp #=75830 Rast=180"x1" Step=0" Ditch=-132 V/3 V/3 Code=00 Exp #=75830 Rast=180"x1" Step=0" Ditch=-132 DOY=296 End times AClass=SN NZ3E16 AR5200 Mac.=FKI Carr.Lon.=296deg Qual=0			18:26: 18:29	18:27:09 18:35		Qual=01 Qual=01 Qual= 5	Tot Cts=775 FePeak=18:29	MaxkeV=101 FePeak.c/s=18	#Peaks=1	dt= 7.7s	XEN=829606
DOY=296	SP 18	:21	1,000/1	4	ength=2788A	Code=00	Exp #=75830	Rast=180"x1"	Step=0"	pitch=-132	1.0645/pixel
DOY=296 End times Peak End times Poy=296 End times Peak End times Peak End times Peak End times Peak End times Peak End times PeakClass=SN	dio M	requen	cy (MHz)/i	Intensity: Flux(sfu):	90 410/250	306/75 15·	400/71				
20:25 20:25	ent # =	9642 20:25	D0Y=296		Pointing	N21E17		Pitch=-266", Yaw	w=+267", Rol	]=0deg	H.Ang=23deg
20:20 20:20 20:30	tical		ר המא 20.25	Ella cilles		N23E16	AR5200	Mac.=FKI	Carr. Lon.	=296deg	H.Ang=24deg
DOY=296         SMM Pointing:         N21E16         Pitch=-132         Rast=180"x1"         Step=0" Cad:1.USS           Peak         End times         HaClass=SN         N18E08         AR5200         Mac.=FKI         Carr.Lon.=303deg           23:21         23:32         Importance=C6         Qual=01         Tot Cts=60314         Maxkev=366         #Peaks=1 dt=7.7s           23:20         23:37         CaPeak.c/s=199         Qual=01         Tot Cts=60314         Maxkev=366         #Peaks=1 dt=7.7s           Type/Intensity:         Wavelength=1375A Code=00         Exp #=75845         Rast=10"x10"         Step=0" Pitch=-206           Type/Intensity:         V/3         Wavelength=1375A Code=00         Exp #=75845         Rast=10"x10"         Step=0" Pitch=-206           Peak         End times         B8/10/23         2695/31         880/110         15400/68         Acc=ENT           Peak         End times         AnClass=SF         N20E14         AR5200         Mac.=FKI         Carr.Lon.=295deg           Q2:27         Q2:31         Importance=C2         Qual=01         FePeak.c/s=11         #Peaks=1         4t= 7.7s           Wavelength=1375A Code=00         Exp #=75867         Rast=10"x10"         Step=0" Pitch=-291	288.2. 22.22	::20:13 ::02	20:20:29 20:27 20:27	20:20:52 20:55 20:55		Qual=03 Qual=01 Qual= 3	Tot Cts=388 FePeak=20:27	MaxkeV=72 FePeak.c/s=13	#Peaks=2	dt= 7.7s	XEN=829607
DOY=296 End times  HaClass=SN N18E08 AR5200 Mac.=FKI Carr.Lon.=303deg  23:21 23:32 Importance=C6 Qual=01 Tot Cts=60314 MaxkeV=366  23:20 23:37 CaPeak.c/s=199 Qual= 1 FePeak=23:20 FePeak.c/s=38 Feaks=1 dt= 7.7s  Type/Intensity: V/3  V/3 Mayelength=1375A Code=00 Exp #=75845 Rast=10"x10" Step=0" Pitch=-206  Type/Intensity: V/3  Wavelength=1375A Code=00 Exp #=75845 Rast=10"x10" Step=0" Pitch=-206  B8/10/23 DOY=297  HaClass=SF N20E14 AR5200 Mac.=FKI Carr.Lon.=295deg  O2:27 03:15 Importance=C2 Qual=01 FePeak=02:26 FePeak.c/s=11 #Peaks=1 dt= 7.7s  Mayelength=1375A Code=00 Exp #=75867 Rast=10"x10" Step=0" Cad=1.02s  Wavelength=1375A Code=00 Exp #=75867 Rast=10"x10" Step=0" Pitch=-291  Type/Intensity: III/3		:54			ē		Exp #=75832	Rast=0"x0" Rast=180"x1"	Step=0"	cad=1.028 Pitch=-132	1.0245/p1xe1 ",Yaw=+198"
23:21 23:32	ent # = /10/22,	23:21	D0Y=296	+ 700	Pointing	N21E16		Pitch=-266", Yaw	w=+249", Ro]	]=0deg	H.Ang=22deg
23:16:40 23:18:29	tical		75ak	20.22	HaClass=SN	N18E08	AR5200	Mac.=FKI	Carr.Lon.	=303deg	H.Ang=15deg
Type/Intensity: V/3	288 225 225	16:03	23:21 23:16:4( 23:20	23:18:29 23:37	nipor cance-co Peakc/s=2551 CaPeak.c/s=199	Qual=01 Qual=01 Qual= 1	Tot Cts=60314 FePeak=23:20	MaxkeV=366 FePeak.c/s=38	#Peaks=1	dt= 7.7s	XEN=829608
y(MHz)/Flux(sfu): 245/980 410/100 606/23 2695/31 8800/110 15400/68  88/10/23	SP 23	:18	Tvno/		Wavelength=1375A	Code=00	Exp #=75845	Rast=0"x0" Rast=10"x10"	Step=0"	cad=1.02s Pitch=-206	1.0245/p1xe1 ",Yaw=+166"
D0Y=297  Peak End times  HaClass=SF N2OE14 AR5200 Mac.=FKI Carr.Lon.=295deg  02:27 03:15 Importance=C2 Qual=01  02:27 02:31 CaPeak.c/s=35 Qual= 1 FePeak=02:26 FePeak.c/s=11 #Peaks=1 dt= 7.7s  Navelength=1375A Code=00 Exp #=75867 Rast=10"x10" Step=0" Pitch=-291  Type/Intensity: III/3	dio of	requen	cy (MHz)/I		245/980 410/100 €	506/23 26	8800/110	15400/68			
D0Y=297 Peak End times HaClass=SF N2OE14 AR5200 Mac.=FKI Carr.Lon.=295deg 02:27 03:15 Importance=C2 Qual=01 02:27 02:31 CaPeak.c/s=35 Qual= 1 FePeak=02:26 FePeak.c/s=11 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Type/Intensity: III/3						88/10/2					
02:24 02:27 03:15 Importance=C2 Qual=01 02:26 02:27 02:31 CaPeak.c/s=35 Qual=1 FePeak=02:26 FePeak.c/s=11 #Peaks=1 dt= 7.7s 02:25 02:25 Wavelength=1375A Code=00 Exp #=75867 Rast=10"x10" Step=0" Pitch=-291	ent # : //10/23, /+:631	. 21946 02:27 :art	DOY=2 Peak	S	ال المودار	N2051A	ABESON	7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	, see	205400-	20 POC-200
02:25 Wavelength=1375A Code=00 Exp #=75867 Rast=10"x10" Step=0" Cdd=1.0Zs 5 Sweeps Type/Intensity: III/3	<del>ए</del>	24	02:27 02:27	15-4		Qual=01 Qual= 1	AKSZOO FePeak=02:26	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=829700
	_	::25 ieps	Type/		ength≖1375A	Code=00	Exp #=75867	kast=U.xU Rast=10"x10"	Step=0" Step=0"	cad=1.0cs Pitch=-291	1.0245/plxel ",Yaw=+105"

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	H.Ang=20deg	H.Ang≈14deg	", Yaw=+76"	., Yaw=+82"		XFN=829701	1.024s/pixel ", Yaw=+84"		H.Ana≃15dea	XFN=829702	1.024s/pixel	H. Ang=19deg	, Yaw=+71"	H.Ang=19deg	Yaw=+177"	H.Ang=19deg	Yaw=+175"
d	=0deg	:302deg	Pitch≕-235",	 Pitch=-235"		dt= 7.7s	Cad=1.02s 1 Pitch=-240",		301deg	t= 7.7s	Cad=1.02s 1 Pitch=-235",		Pitch=-235",Yaw=+7]		260"		Pitch=-257",Yaw=+175"
100	*=+190", Koll	Carr.Lon.=302deg	Step=0"						Carr.Lon.=301deg		Step=0" Step=0"	=+176", Roll=	Step=0" F	-+176",Roll=	Step=0" P	:+163", Roll=	Step=3" P
Di+ch- 265" V2	ricd=-205", raw=+190", Koll=0deg	Mac.=FKI	MaxkeV=163 Rast=10"x10"	MaxkeV=163 Rast=10"x10"		FePeak.c/s=10	Rast=0"x0" Rast=10"x10"		Mac.=FKI	FePeak.c/s=6	Rast=0"x0" Rast=10"x10"	Pitch=-264", Yaw=+176", Roll=Odeg	MaxkeV=163 Rast=10"x10"	Pitch=-264", Yaw=+176", Roll=0deg	MaxkeV=101 Rast=10"x10"	Pitch=-266", Yaw=+163", Roll=0deg	MaxkeV=72 Rast=243"x243"
		AR5200	Tot Cts=14037 Exp #=75895	Event # = 9644 Tot Cts=2330 Exp #=75892		FePeak=06:25	Exp #=75898		AR5200	FePeak=07:11	Exp #=75900		Tot Cts=2005 P Exp #=75900 F		Tot Cts=593 M Exp #=75906 R		Tot Cts=208 M Exp #=75910 R
N21F12	1111	N18E05 Oual=01	Qual=01 Code=02	sociated Qual=01		Qual=00 Qual= 3	_		N19E05	Qual=00	ш,	N21E11	Qual=00 Qual=01 T	N21E11	Qual=00 Qual=01 T E	N21E10	Qual=01 Qual=01 T Code=00 E
SMM Pointing:		HaClass=SN Importance=C5	Peakc/s=491 Wavelength=1375A III/3 V/3 245/710 410/47	Peakc/s=214 Wavelength=1375		CaPeak.c/s=50	Wavelength=1375A		HaClass≕SF	CaPeak.c/s=46	Wavelength=1375A	SMM Pointing:	Peakc/s=236 Wavelength=1375A	SMM Pointing:	Peakc/s=81 Wavelength=1375A	SMM Pointing:	Importance=Cl Peakc/s=64 Wavelength=2788A
	End times	06:11			End times	06:25	_		tnd times F	07:44 (	<b>-5</b>	S End times	ı	S S Pube	n		9:16:01
D0Y=297	Peak	06:00 06:11	95:54:48 05:55:41 05:57:3 06:00	05:52:22 05:52:43 05:53:08 05:46	D0Y=297 Peak	06:25		D0Y=297	reak	07:10		D0Y=297 Peak	07:20:07 07:20:20 07:20:47 07:09	DOY=297	):34	00Y=297	99:18 99:15:54
Event # = 9645 88/10/23,06:00	Start	05:50	05:54:48 06:00 Sweeps Frequenc	•	Event # = 21947 88/10/23,06:25 Start	05:58	06:14	Event # = 21948 88/10/23,07:10	) 1	07:10	60:00	Event # = 9646 88/10/23,07:20 Start	07:20:07 07:09	Event # = 9647 88/10/23,07:40 Start	07:40:14 07:37	# = 9648 23,09:18 Start	GOES 09:10 HXRBS 09:15:50 (UVSP 08:42
Event 88/10/		600 5000 5000 5000 5000 5000 5000 5000	HXRBS UVSP Radio S	HXRBS UVSP	Event 88/10/	60ES FCS FCS	UVSP	Event 88/10/	Optical GOFS	SS	UVSP	Event 88/10/2	GOES HXRBS UVSP	Event 88/10/2	GOES HXRBS UVSP	Event 4 88/10/2	GOES HXRBS UVSP

Event # = (88/10/23.10	64	763		SMM Pointing:	N21E10		Pitch=-264",Yaw	,Yaw=+150",Roll=Odeg		H.Ang=18deg
GOES 10:30 HXRBS 10:31: UVSP 11:01	45	:01	End times 10:39 1 10:33:15 F	Importance=C2 Peakc/s=137 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=1238 Exp #=75912	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=-130",Yaw=+72"	, Yaw=+72"
Event # = 9650 88/10/23,10:50 Start GOES 10:46 HXRBS 10:46:28		DOY=297 Peak 10:50 10:47:51	End times 10:54 10:48:51	SMM Pointing: Importance=C2 Peakc/s=54	N21E10 Qual=01 Qual=01	Tot Cts=534	Pitch=-264", Yaw MaxkeV=72 Rast=180"x1"	,Yaw=+150",Roll " Step=0"	,Roll=Odeg H.Ang=18d 0" Pitch=-130",Yaw=+72"	H.Ang=18deg ,Yaw=+72"
	11:01 23,11:08 23,11:08 5tart 11:00 11:02:36 11:01 5weeps Frequend	# = 9651  /23,11:08 DOY=297   Start Peak End ti   11:00	E 4 50	SMM Pointing: N HaClass=SF N Importance=C4 Q Peakc/s=588 Q Wavelength=2788A C ': V/1	N21E10 N20E02 Qual=03 Qual=01 Code=00	AR5200 Tot Cts=12182 Exp #=75912	Pitch=-264", Yaw=+150", Roll=Odeg Mac.=FKI Carr.Lon.=302de MaxkeV=163 Rast=180"x1" Step=0" Pitch	w=+150",Roll=Odeg Carr.Lon.=302deg Step=0" Pitch=	=0deg	H.Ang=18deg H.Ang=15deg ', Yaw=+72"
Event # = 88/10/23, \$160ES 11 HXRBS 11 BCS 11 FCS 11 UVSP 11	# = 9652 23,11:40 Start 11:39 11:39:54 11:33	DOY=297 Peak 11:40 11:40:11	E \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	SMM Pointing: Importance=C2 Peakc/s=417 CaPeak.c/s=22 Wavelength=2788A	N21E09 Qual=01 Qual= 5 Qual= 5	Tot Cts=1786 FePeak=11:40 Exp #=75913	Pitch=-264", Yaw=+136" MaxkeV=163 FePeak.c/s=7 #Peak Rast=0"x0" Rast=180"x1" Step=	, Rol.	,Roll=Odeg H s=1 dt= 7.7s X O" Cad=1.02s 1 O" Pitch=-129",	H.Ang=18deg XEN=829704 1.024s/pixel ", Yaw=+67"
Event # = 88/10/23, St. 60ES HXRBS 12 BCS 11 FCS	t = 9865 23,12:37 Start 12:18:52 11:48 12:35	DOY=297 Peak : 12:20:28	End times 3 12:22:51 12:41	SMM Pointing: Peakc/s=64 CaPeak.c/s=63 Wavelength=2788A	N21E09 Qual=00 Qual=01 Qual= 1	Tot Cts=1330 FePeak=12:37 Exp #=75914	Pitch=-264", Yaw=+136", Roll=Odeg MaxkeV=72 FePeak.c/s=10 #Peaks=2 dt= 7 Rast=0"x0" Step=0" Cad=1 Rast=180"x1" Step=0" Pitch	W=+136", Rol Flags=1 #Peaks=2 Step=0" Step=0"	l=Odeg H dt= 7.7s X Cad=1.02s 1 Pitch=-129",	H.Ang=18deg XEN=829703 1.024s/pixel ", Yaw=+59"
Event # = 88/10/23, St GOES 13 ECS 13 ECS 13 UVSP 13	23,13:15 Start 13:14 13:07	00Y=297 Peak 13:15	End times 14:15	CaPeak.c/s=54 Wavelength=2788A	Qual=00 Qual= 5	FePeak=13:18 Exp #=75915	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-129",	XEN=829705 1.024s/pixel 1", Yaw=+54"
Event # 88/10/23, 88/10/23, 60ES 11 HXRBS 11 UVSP 11	t = 9653 23,13:38 Start 13:36 13:34:40 13:07	DOY=297 Peak 13:38 0 13:34:57	End times 13:40 7 13:35:22	SMM Pointing: Importance=C3 Peakc/s=60 Wavelength=2788A	N21E08 Qual=01 Qual=01 A	Tot Cts=245 Exp #=75915	Pitch=-263",Yaw=+124",Roll=0deg MaxkeV=72 Rast=180"x1" Step=0" Pitch	aw=+124",Rol Step=0"	=Odeg   	H.Ang=18deg 9", Yaw=+54"

| 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983 | 1983

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					1			-								
H.Ang=18deg	", Yaw=+45"	H.Ang=18deg	, Taw=+45 H Ann=18den	", Yaw=+45"	H.Ang=17deg	H.Ang=18deg	XEN=829706 1.024s/pixel ", Yaw=+42"	H.Ang=16deg	XEN=829707 1.024s/pixel	", Yaw=+33"	H.Ang=17deg	H.Ang=17deg	XEN=829708	1.0245/p1xe1 ", Yaw=+28"	H.Ang=17deg	Pitch=-130", Yaw=+20"
11=0deg	Pitch=-129",Yaw=+45	11=0deg	P1tcff=-129	Pitch=-129"	, Roll=Odeg	.=295deg	dt= 7.7s X Cad=1.02s 1 Pitch=-130",	=298deg	dt=11.3s X Cad=1.02s 1	Pitch=-130	, Roll=Odeg	=295deg		Cad=1.02s 1 Pitch=-130",	, Roll=Odeg	Pitch=-130
, Yaw=+124", Roll=0deg	Step=0"	, Yaw=+124", Roll=Odeg	Step=U Fitch Vaw=+124" Roll=Oden	Step=0"	, Yaw=+111", Ro	Carr.Lon.=295deg	#Peaks=1 Step=0" Step=0"	Carr. Lon.	#Peaks=1 Step=0"		aw=+98", Roll	Carr.Lon.=295deg		Step=0" Step=0"	aw=+98", Roll	Step=0"
Pitch=-263",Y	MaxkeV=72 Rast=180"x1"	Pitch=-263", Y MaxkeV=72	Kast=160 XI Pitch=-263" Y	MaxkeV=72 Rast=180"x1"	65"	Mac.=FKI	MaxkeV=72 FePeak.c/s=20 Rast=0"x0" Rast=180"x1"	Mac.=FKI	FePeak.c/s=11 Rast=0"x0"	Rast=180"x1"	Pitch=-265", Yaw=+98"	Mac.=FKI	MaxkeV=72 FePeak.c/s=13	Kast=U"XU" Rast=180"x1"	Pitch=-265", Yaw=+98",	MaxkeV=72 Rast=180"x1"
	Tot Cts=500 Exp #=75916	Tot Cts=131	EXD #=/3910	Tot Cts=373 Exp #=75916		AR5200	Tot Cts=2078 FePeak=15:02 Exp #=75917	AR5200	FePeak=15:26	Exp #=75918		AR5200	Tot Cts=1109 FePeak=16:32	Exp #=75919		Tot Cts=264 Exp #=75920
N21E08	Qual=01 Qual=01 Code=02	N21E08 Qual=00 Qual=01	N21E08	Qual=00 Qual=01	N21E07	N22E07	Qual=01 Qual= 1	N21E04	Qual=01 Qual= 1		N21E06	N21E06	Qual=01 Qual=01 Qual= 1		N21E06	Qual=00 Qual=01
SMM Pointing:	Importance=C2 Peakc/s=78 Wavelength=2788A	SMM Pointing: Peakc/s=46	wavelength=2/00A	دە بىد	SMM Pointing:	HaClass=SF	importaire-cz Peakc/s=97 CaPeak.c/s=77 Wavelength=2788A	HaClass=SF	importance=cz CaPeak.c/s=42	Wavelength=2788A	SMM Pointing:	HaClass=SF	Peakc/s=50 CaPeak.c/s=56	Wavelength=2788A	SMM Pointing:	Peakc/s=74 Wavelength=2788A
End +imps		End times 14:08:54		End times 14:10:26	End times	15.13	15:01:14 15:09 15:09	nd times	15:29		to the page	<u></u>	16:32:23 17:23		End times	17:04:10
DOY=297	14:03 14:02:55	DOY=297 Peak 14:08:39	707=70U	Peak 14:10:14	D0Y=297 Peak	15.03	15:00:01 15:02	DOY=	15:26		DOY=297		16:30:38 16:40		D0Y=297 Peak	17:04:00
100	14:01 14:02:11 14:09	# = 9655 /23,14:08 Start 14:08:26		Start 14:09:54 14:09	Event # = 9657 88/10/23,15:03 Start		14:59:07 15:01 14:42	# = 21950 23,15:27 Start	വഹ	15:42	Event # = 9658 88/10/23,16:39		16:28:07 16:29	16:15	Event # = 9659 88/10/23,17:04 Start	
Event 88/10/	GOES HXRBS UVSP	Event # 88/10/23 GOES HXRBS 1	Event # 88/10/23	GOES HXRBS UVSP	Event 88/10/	Optica	HXRBS BCS FCS UVSP	Event 88/10/ Optica	SSS SSS SSS SSS SSS SSS SSS SSS SSS SS	UVSP	Event 88/10/	Optica	HXRBS BCS BCS	VSP WSP	Event 88/10/	GOES HXRBS UVSP

Event # 88/10/2	88/10/23,19:41 Start	D0Y=297 Peak	End times	i (	, C	0000	1 1	49	200	1 A 2 L 1 L 2 L 2 L
Optical GOES BCS	19:28	19:41	20:00	HaClass=SF Importance=Cl CaPeak.c/s=21	N22E04 Qual=04 Qual= 4	AK5200 FePeak=19:39	Mac.=FK1 FePeak.c/s=7	#Peaks=1 dt= 7.	=2950eg dt= 7.7s	H.Ang=1/deg XEN=829709
FCS	19:22		!	88	7	Exp #=75923	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-130"	<b>∴</b> `
BCS	19:31	19:31	19:36	CaPeak.c/s=19	Associated Qual= 4	Event # = 21931 FePeak=19:31	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=829710 1.024s/pixel
Event # 88/10/2	3,20:11	D0Y=297	End +imac	SMM Pointing:	N21E05		Pitch=-264", Yaw=+71", Roll=0deg	v=+71", Roll	=0deg	H.Ang=16deg
GOES HXRBS UVSP	GOES 20:00 HXRBS 20:09:56 2 UVSP 19:22	20:11 20:10:25	20:23	Importance=Cl Peakc/s=97 Wavelength=2788A	Qual=03 Qual=01	Tot Cts=1227 Exp #=75923	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=-130",Yaw=+2"	', Yaw=+2"
Event # 88/10/2	Event # = 9661 88/10/23,23:31	D0Y=297	1	SMM Pointing:	N21E03		Pitch=-264", Yaw=+444", Roll=Odeg	v=+44", Roll	=0deg	H.Ang=16deg
Optical	Start	Реак	end times	HaClass=SF	N17W06	AR5200	Mac.=FKI	Carr.Lon.=303deg	=303deg	H.Ang=13deg
GOES HXRBS	23:29:57 23:25	23:31:07	23:31:51	Peakc/s=54 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=494 Exp #=75945	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=-240",Yaw=-77"	", Yaw=-77"
					88/10/24	4 D0Y=298		A STATE OF THE STA		
Event # 88/10/2	Event # = 9662 88/10/24,00:51	D0Y=298	7	SMM Pointing:	N21E02		Pitch=-264",Yaw=+31",Roll=Odeg	4×+31", Roll	=0deg	H.Ang=16deg
Optical	Start	Peak	End times	HaClass=SF	N19W06	AR5200	Mac.=FKI	Carr.Lon.=303deg	=303deg	H.Ang=15deg
HXRBS	00:42 00:46:56 00:47	00:47:06	00:42 00:31 01:00 00:46:56 00:47:06 00:47:56 00:47	importance=c4 Peakc/s=326 Wavelength=1375A	Qual=01 Code=00	Tot Cts=6255 Exp #=75953	MaxkeV=163 Rast=10"x10"	Step=0"	Pitch=-245", Yaw=-89"	", Үаw=-89"
Radio S Radio	Sweeps Frequen	reeps Type/Intensity Frequency(MHz)/Flux(sfu)		/3 V/2 /1300 410/89						
HXRBS	00:49:27	00:50:01	00:50:01 00:50:49	Peakc/s=427	Associated Qual=01	Event # = 9663 Tot Cts=4533	MaxkeV=132	1 1 1 1	1 	; ; ; ; ;
Event 4 88/10/2	Event # = 21953 88/10/24,01:43 Start	D0Y=298 Peak	End times							
Optical	- 67.10	01.43	02.10	HaClass=SF	N21E01	AR5200	Mac.≖FKI	Carr.Lon.=295deg	=295deg	H.Ang=16deg
BCS S	01:46	01:46	01:52	CaPeak.c/s=30	Qual= 5	FePeak=01:46	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=829800
UVSP	01:50			Wavelength=1375A	4 Code=02	Exp #=75957	Rast=265"x265"	Step=5"	Pitch=-257"	", Yaw=+30"

88/10/24,1	11:14	D0Y=298	:	SMM Pointing:	N21W04		Pitch=-264", Yaw	, Yaw=-62", Roll	,Roll=Odeg	H.Ang=16deg
Start GOES 11:08 HXRBS 11:11:26 BCS 11:12 FCS	art :08 :11:26 :12	Peak 11:14 11:12:27 11:14	End times 11:18 7 11:13:17 11:16	Importance=C2 Peakc/s=89 CaPeak.c/s=46		Tot Cts=1275 FePeak=11:14	MaxkeV=72 FePeak.c/s=14 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=829801 1.024s/pixel
UVSP 11:00 Radio Sweeps	:00 sd	Type/I	pe/Intensity:	Wavelength=2788A III/1	Code=01	Exp #=76004	Rast=180"x1"	Step=0"	Pitch=-130	", Yaw=-131"
Event # = 9665 88/10/24,12:01 Start	9665 12:01	DOY=298	Fnd +imes	SMM Pointing:	N21W04		Pitch=-264", Yaw=-62"	√=-62", Roll	, Roll=Odeg	H.Ang=16deg
່ຕ່	, Y	12.01	12.08	HaClass=SF	N22W06	AR5200	Mac.=FKI	Carr.Lon.=296deg	=296deg	H.Ang=18deg
HXRBS 11: UVSP 12: Radio Fr	11:57:05 12:03 Frequenc	11:57:54 11:58 cy(MHz)/Flux(sf	11:58:31 11:58:31 7]ux(sfu):	######################################		Tot Cts=5228 Exp #=76005 0	MaxkeV=163 Rast=180"x1"	Step=0"	Pitch=-130"	", Yaw=-140"
Event # = 9666 88/10/24,16:06 Start	9666 16:06	D0Y=298	Fnd times	SMM Pointing:	N21W06		Pitch=-266", Yaw	, Yaw=-102", Rol	, Roll=Odeg	H.Ang=17deg
Optical	, , <u>;</u>			HaClass=SB	N20W14	AR5200	Mac.=FKI	Carr.Lon.=302deg	=302deg	H.Ang=20deg
	6:00 6:02:21 6:03	16:06 16:03:13 16:05	16:15 16:04:54 16:41	Importance=C5 Peakc/s=831 CaPeak.c/s=123	Qual=01 Qual=01 Qual= 1	Tot Cts=25954 FePeak=16:05	MaxkeV=163 FePeak.c/s=36	#Peaks=1	dt= 7.7s X	XEN=829802
UVSP 15: Radio Swee Radio Fr	: 42 eps	Type/I	15:42 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Wavelength=2788A III/3 245/400 410/120 606/260	106/260	Exp #=76010			Pitch=-132	1.0245/ pixel ", Yaw=-171"
	-		,							
Event # = 88/10/24,2 Sta GOES 19: BCS 20:	# = 21954 24,20:22 Start 19:56 20:32	D0Y=298 Peak 20:22 20:32	End times 20:53 20:53	Importance=C2 CaPeak.c/s=20	Qua]=05 Qua]= 5	FePeak=20:36	FePeak. c/s=6	#Peaks=1	dt= 7.7s Cad=1 02s	XEN=829803
UVSP 20:	:36			Wavelength=1375A		Exp #=76015	Rast=265"x265"	Step=5"	_	1.0245/pizel
Event # = 88/10/24,2	t # = 9714 3/24,22:05	DOY=298		SMM Pointing:	N21W09		Pitch=-266", Yaw	, Yaw=-147", Roll=Odeg	1=0deg	H.Ang=18deg
HXRBS 22: UVSP 22:	:05:20 :09		22:05:47	Peakc/s=214 Wavelength=1375A	Qua1=01	Tot Cts=1075 Exp #=76026	MaxkeV=604 Rast=265"x265"	Flags=NS, Step=5"	Flags=NS,GB Step=5" Pitch=-260",Yaw=-143"	", Yaw=-143"
Event # = 88/10/24,2	9667 22:10	DOY=298		SMM Pointing:	N21W09		Pitch=-266", Yaw	, Yaw=-147", Rol	, Roll=Odeg	H.Ang=18deg
GOES 21:14 HXRBS 21:15: BCS 21:05	:14 :15:16 :05	22:10 21:15:43 21:20	22:43 22:43 21:17 21:21	Importance=C5 Peakc/s=301 CaPeak.c/s=58	Qual=02 Qual=01 Qual= 2	Tot Cts=3845 FePeak=21:20	MaxkeV=132 FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN=829804
22	0			Wavelength=1375	7	Exp #=76026	kast=0 x0 Rast=265"x2		Pitch=-260",	χ. Xa.
- 25	:02	22:06	22:57	R3 CaPeak.c/s=143	Associated Qual= 5	FePeak=22:06	FePeak.c/s=13 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=829805 1.024s/pixel

		88/10/25	D0Y=299		
D0Y=299	SMM Pointing:	N21W12		Pitch=-267", Yaw=-195", Roll=Odeg	eg H.Ang=20deg
Start Peak End times GOES 03:42 03:45 03:50 03:45 03:45:58 03:43:04 03:43:38 03:43:04 03:43:38	Importance=C2 (Peakc/s=93 (Wavelength=1375A (III/2	\ual=01 \ual=01 \cde=00	Tot Cts=798 Exp #=76069	MaxkeV=72 Rast=10"x10" Step=0" Pit	Pitch=-264",Yaw=-291"
D0Y=299	SMM Pointing:	N21W13		Pitch=-268", Yaw=-208", Roll=Odeg	eg H.Ang=21deg
GOES 04:27 04:29 04:31 HXRBS 04:27:17 04:28:03 04:28:25 UVSP 04:28 Radio Sweeps Type/Intensity: Radio Frequency(MHZ)/Flux(sfu):	Importance=C2 Peakc/s=336 Wavelength=1375A III/3 245/430 410/140	Qual=01 Qual=01 Code=00	Tot Cts=3560 Exp #=76071	MaxkeV=132 Flags=M5 Rast=10"x10" Step=0" Pit	Pitch=-274",Yaw=-303"
Event # = 9670 88/10/25,06:12 DOY=299 Ctart Deak End times	SMM Pointing:	N21W14		Pitch=-268", Yaw=-219", Roll=Odeg	eg H.Ang=21deg
06:12:48	Peakc/s=54 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=85 Exp #=76082	MaxkeV=72 Rast=10"x10" Step=0" Pit	Pitch=-274",Yaw=-316"
Event # = 9671 88/10/25,11:11 DOY=299 5+304 Doot End times	SMM Pointing:	N21W17		Pitch=-269", Yaw=-260", Roll=Odeg	eg H.Ang=23deg
GOES 11:07 11:11 11:23 HXRBS 11:08:50 11:09:01 11:09:20 UVSP 11:31 Type/Intensity: Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):	Importance=Cl Peakc/s=113 Wavelength=2788A III/3 245/220	Qual=01 Qual=01	Tot Cts=740 Exp #=76096	MaxkeV=101 Rast=180"x1" Step=0" Pit	Pitch=-135",Yaw=-338"
Event # = 9672 88/10/25,12:35 DOY=299 Start Peak End times	SMM Pointing:	N21W18		Pitch=-269", Yaw=-273", Roll=0deg	eg H.Ang=23deg
12:35:13 12:3	Peakc/s=62 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=89 Exp #=76098	MaxkeV=72 Rast=180"x1" Step=0" Pit	Pitch=-135",Yaw=-350"
00Y=299	SMM Pointing:	N21W20		Pitch=-272", Yaw=-310", Roll=0deg	eg H.Ang=25deg
GOES 16:56 16:59 17:03 HXRBS 16:57:51 16:58:19 16:58:58 UVSP 16:57 Radio Frequency(MHz)/Flux(sfu):	Importance=89 Peakc/s=59 Wavelength=1375A 245/280 410/190	Qual=01 Qual=01 Code=00	Tot Cts=524 Exp #=76116	MaxkeV=72 Rast=10"x10" Step=0" Pi1	Pitch=-284", Yaw=-268"

17:59			SMM Pointing:	N21W20		Pitch=-272".Yaw=-310"	w=-310". Rol	.Roll=Odea	H. Ann=25dea
17:50:54   17:51:23   Peak   Associated Event # = 9675   PaxkeV=72   Paxk	Start Peak GOES 17:49 17:54 HXRBS 17:48:47 17:49:03 UVSP 17:52 Type/1 Radio Sweeps Type/1 Radio Frequency(MHZ)/F	o iš	Importance=C1   Peakc/s=56   Wavelength=1375A   III/2   V/2   245/150	Qual=03 Qual=01 Code=00	Tot Cts=262 Exp #=76127	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=-368"	, Yaw=-367"
18:52:25   18:52:44   Peakc/s=58   Qual=01   Tot Cts=304   Maxkev=72   Maxev=72   M	17:50:36 17:50:54 17:39	· 1 (C)	Peakc/s=53 Wavelength=1375A	ssociated Qual=01		MaxkeV=72 Rast=10"x10"	 Step=0"		, , Yaw=-325"
18:52:25   18:52:44   Peak(5=58   Quai=01   Tot Cts=304   MaxkeV=72   MaxeV=72   M		2	SMM Pointing	N21W21		Pitch=-272", Ya	/=-323", Rol	1=0deg	H.Ang=26deg
DOY=299  DOY=299  End times  HaClass=SF NZINZI  Peak  19:13  19:13  19:13  19:13  19:13  19:13  DOY=299  End times  End times  End times  DOY=299  DOY=299  DOY=299  DOY=299  End times  End times  DOY=299  DOY=299  DOY=299  End times  DOY=299  End times  End times  DOY=299  End times  BA 10/28  DOY=302  DOY=303  DOY=302  DOY=303  DOY=302  DOY=303  DOY=304  DOY=302  DOY=302  DOY=302  DOY=302  DOY=303  DOY=304  DOY=302  DOY=302  DOY=302  DOY=302  DOY=303  DOY=304  DOY=302  DOY=304  DOY=302  DOY=304  DOY=304  DOY=304  DOY=304  DOY=304  DOY=304  DOY=304  DOY=305  DOY=306  DO		19:02 18:52:44	Importance=Cl Peakc/s=58 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=304 Exp #=76132	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=-233"	, Yaw=-349"
19:11:30 19:11:49	D0Y=29		ĺ	N21W21		Pitch=-272", Yaw	v=-323", Roll	l=0deg	H.Ang=26deg
19:11:30   19:11:49   PeakC/s=231   Qual=10   Tot Cts=3341   MaxkeV=132   Flags=1S   Flags=1S   Cy(MHz)/Flux(sfu): 245/5800 410/540   Exp #=76135   Rast=10"x10"   Step=0"   Pitch=-233"   Step=0"   Step=0"   Cad=1.02s   Peak   CaPeak.c/s=31   Qual=0   Cad=1.02s   Rast=0"x10"   Step=0"   Cad=1.02s   Cad=1.02s   Rast=0"x10"   Step=0"   Cad=1.02s   Cad=1.02s   Rast=0"x10"   Step=0"   Cad=1.02s   Rast=0"x10"   Step=0"   Cad=1.02s   Rast=0"x10"   Step=0"   Cad=1.02s   Rast=0"x10"   Step=0"   Pitch=-229"   Cad=1.02s   Rast=0"x10"   Step=0"   Pitch=-229"   Cad=1.02s   Rast=0"x10"   Step=0"   Pitch=-229"   Cad=1.02s   Rast=10"x10"   Step=0"   Pitch=-229"   Cad=1.02s   Peak   Cad=0   Cad=1.02s   Rast=0"x10"   Step=0"   Pitch=-229"   Cad=1.02s	10.13		HaClass=SF	N21W17	AR5200	Mac.=FKI	Carr.Lon.=		H.Ang=23deg
DOY=299  DOY=299  DOY=299  End times  Wavelength=1375A Code=00 Exp #=76165  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Step=0"  Cade=1.02s  Wavelength=1375A Code=00 Exp #=76165  Rast=10"x10"  Rayten=10"x10"  Step=0"  Step=0	:01 19:11:30 uency(MHz)/F		Importance=t1 Peakc/s=231 Wavelength=1375A 245/5800 410/540	Qual=03 Qual=11 Code=00	Tot Cts=3341 Exp #=76135	MaxkeV=132 Rast=10"x10"	Flags=IS Step=0"	Pitch≖-233"	, Yaw=-346"
Mavelength=1375A Code=00 Exp #=76165   Rast=10"x10"   Step=0" Cad=1.02s	Event # = 21955 88/10/25,23:37 DOY=299 Start Peak GOES 23:32 23:37 BCS 23:35 23:36	End times 23:59 23:40	1	Qua]=01 Qua]= 4	FePeak=23:35	FePeak.c/s=11	1	dt= 7.7c	KFN=820000
DOY=302  DOY=302  End times Peak 01:24 01:32  DOY=302  End times 01:25			Wavelength=1375A	Code=00	Exp #=76165	Rast=0"x0" Rast=10"x10"		Cad=1.02s Pitch=-229"	1.024s/pixel, Yaw=-387"
DOY=302   Peak	9			88/10/28	1				
01:24 01:32 01:24 01:32 01:25:10 01:24:32	D0Y=302	; +	Pointing	S19E85		Pitch=+313",Yaw	=+914",Roll		i.Ang=87deg
Cy(MHz)/Flux(sfu): 8800/48 15400/22 Code=00 Exp #=76358 Rast=10"x10" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=242"x10" Step=10" Cad= 590s Rast=242"x10" Step=10" Cad= 590s Rast=242"x10" Step=10" Cad= 590s Rast=242"x10" Step=10" Cad= 590s Rast=242" Step=10" Cad=	01:24 01:22:11 01:23	01:24:32 01:45:32		Qual=01 Qual=01 Qual= 1	Tot Cts=19918 FePeak=01:23	MaxkeV=163 FePeak.c/s=39			(EN=830200
DOY=302 SMM Pointing: S19E85 Pitch=+313", Yaw=+914", Roll=Odeg Peak End times 01:40 01:49 Importance=C3 Qual=01 Tot Cts=614 MaxkeV=72 01:36:48 01:37:10 Peakc/s=72 Qual=01 Tot Exp #=76361 Rast=10"x10" Step=0" Pitch=+242"	uency (MHz)/F		Wavelength=1375A 8800/48 15400/22		Exp #=76358	Rast=240"x240" Rast=10"x10"		Ξ.	1.024s/pixel Yaw=+935"
01:40 01:49 Importance=C3 Qual=01 01:36:48 01:37:10 Peakc/s=72 Qual=01 Tot Cts=614 MaxkeV=72 Wavelength=1375A Code=00 Exp #=76361 Rast=10"x10" Step=0"	DOY=302	Fnd +imac		S19E85		Pitch=+313", Yaw	=+914", Roll		i. Ang=87deg
	01:40 01:36:48	01:49 01:37:10	tance=C3 c/s=72 ength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=614 Exp #=76361	MaxkeV=72 Rast=10"x10"		Pitch=+242",	Yaw=+935"

0ES 07:12 CS 07:28	122 28 20 00 00	Peak 07:21 07:28	End times 07:52 07:31	Importance=C2 CaPeak.c/s=22	Qual=05 Qual= 5	FePeak=07:29	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s XI Cad=1.02s 1	XEN=830201 1.024s/pixel
FCS UVSP 07:20 Radio Sweeps	20 ps	Type/Intens	ntensity:	Wavelength=2788A (III/3	Code=00	Exp #=76374		Step=0"	Pitch=+192"	,Yaw=+844"
Event # = 9680 88/10/28,08:11 Start	l .	D0Y=302 Peak	End times	201224	NORUKA	006500	Mac = FK!	Carr, Ion.=298ded	=298dea	H. Ang=59deg
Optical GOES 08:02 HXRBS 08:04:	02 04:59 08	:11 :05:16	08:26 08:06:09	Importance=C2 Peakc/s=68	0ual=03 Qual=01	101	MaxkeV=72 Dast=180"x1"	Sten=0"	Pitch=+192", Yaw=+844"	. Yaw=+844"
NSP 08:: Radio Swee Radio Fr	22 ps equency	Type/I	U8:22 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Maverengun=2700A 111/2 245/72				) }		
vent # =		0Y=302 eak	mes							
GOES 18:27 HXRBS 18:27:27 BCS 18:28		18:29 18:27:38 18:28	18:39 18:27:58 18:31	Importance=Cl Peakc/s=68 CaPeak.c/s=21	Qua]=01 Qua]=01 Qua]= 4	Tot Cts=361 FePeak=18:28	MaxkeV=72 FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=830202
JVSP 18:				Wavelength=1375A	Code=00	Exp #=76396	Kast=U.xU Rast=265"x265"	Step=0 Step=5"	Pitch=+320'	1, Yaw=+927"
Event # = 88/10/28,2		00Y=302	4							
60ES 21: BCS 21:	21:30 2 21:33 2	21:33 21:33 21:33	21:39 21:35 21:35	Importance=C2 CaPeak.c/s=25	Qual=04 Qual= 5	FePeak=21:33	FePeak.c/s=7	#Peaks=1	dt= 7.7s Cad=1.02s	XEN=830203
	:36			Wavelength=1375A	Code=02	Exp #=76407	Rast=265"x265"	Step=5"	Pitch=+256	", Yaw=+967"
Event # = 9682 88/10/28,23:42	t t	D0Y=302		SMM Pointing:	S13E80		Pitch=+929",Yaw	, Yaw=-230", Ro	, Roll=90deg	H.Ang≕81deg
Sta Optical		eak		HaClass=SB	\$17E70	AR5212	Mac.=CH0	Carr.Lon.=161deg	.=161deg	H.Ang=72deg
GOES 23: HXRBS 23: BCS 23:	3:39 3:39:09 3:40	23:42 23:39:29 23:41	23:4/ 23:40:55 23:47	<pre>Importance=ts Peakc/s=883 CaPeak.c/s=122</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=10850 FePeak=23:41	MaxkeV=193 FePeak.c/s=36		dt= 3.8s	XEN=830204
(7)				Wavelength=2788A	Code=00	Exp #=76413	Kast=240 xz40 Rast=243"x243"	Step=15 Step=3"		", Yaw=-216"
					88/10/29	9 DOY=303				
Event # = 9683 88/10/29,02:35	1	DOY=303		SMM Pointing:			Pitch=+249",Yaw=+955",Roll=Odeg	r=+955", Ro	]]=Odeg	
GOES HXRBS 02:		reak 02:35:24		Peakc/s=80	Qual=00 Qual=01	Tot Cts=219 Exp #=76416	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+128"	", Yaw=+884"

Event 88/10/	Event # = 9685 88/10/29,02:49	D0Y=303		SMM Pointing:			Pitch=+249", Yaw=	, Yaw=+955", Roll	, Roll=Odeg	
Optica		Peak	End times	HaClass=SF	S14E72	AR5212	Mac.=CHO	Carr.Lon.=158deg	=158deg	H.Ang=74deg
GOES HXRBS UVSP Padio	000	2:44 02:49 02:55 2:47:12 02:47:20 02:49:3 3:09 Frequency(MH:)/Flux(sfu)	02:55 02:49:36 lux(sfu):	Importance=L/ Peakc/s=708 Wavelength=2788A 410/700	Qual=01 Qual=01	Tot Cts=7385 Exp #=76417	MaxkeV=163 Rast=180"x1"	Step=0"	Pitch=+128"	', Yaw=+884"
	02:44:02	02:44:24 02	02:45:19	c/s=200	Associated Qual=01	Event # = 9684 Tot Cts=3168	MaxkeV=163	; ; ; ; ; ; ; ; ;	1 1 1 1	1 1 1 1 1
Event 88/10/		D0Y=303		SMM Pointing:			Pitch=+249", Yaw	, Yaw=+955", Roll	', Roll=Odeg	
GOES HXRBS UVSP	GOES 04:07 HXRBS 04:07:55 UVSP 04:43	Peak 04:18 04:09:55	End times 04:42 04:18:55	Importance=C8 Peakc/s=71 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=6256 Exp #=76419	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+128"	', Yaw≖+884"
Event 88/10/	# = 9687 29,10:08 Start	D0Y=303	Fnd + imes							
GOES HXRBS BCS	GOES 10:03 HXRBS 10:04:55 BCS 10:06	10:05:27 10:05:27 10:07		Importance=C2 Peakc/s=64 CaPeak.c/s=42	Qua]=01 Qua]=01 Qua]= 1	Tot Cts=539 FePeak=10:07	MaxkeV=72 FePeak.c/s=13	_	dt= 7.7s XI	XEN=830300
FCS UVSP	09:54			₩avelength=2788A	Code=01	Exp #=76426	Rast=U"XU" Rast=180"x1"	Step=0"	cad=1.028 Pitch=+128'	1.0245/pixel ", Yaw=+884"
Event 88/10/	Event # = 21958 88/10/29,13:04 Start	D0Y=303 Peak	End times				0.70	-	20000	2000
Optical GOES BCS	.1 13:00 13:12	13:04 13:12	13:19 13:18	HaClass=Sr Importance=C4 CaPeak.c/s=28	Sisebi Qual=05 Qual= 5	AK5212 FePeak=13:13	mac.=cho FePeak.c/s=8		75	XEN=830301
FCS UVSP	13:02			Wavelength=2788A	Code=00	Exp #=76430	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+156",	1.024s/p1xe! ",Yaw=+796"
Event 88/10/	Event # = 21959 88/10/29,14:42 Start	D0Y=303 Peak	End times							
GOES BCS	14:39 14:46	14:42 14:50	15:11 15:15	Importance=Ml CaPeak.c/s=43	Qua]=05 Qua]= 5	FePeak=14:50	FePeak.c/s=10	#Peaks=1	dt= 3.8s X	XEN=830302
NSP UVSP	14:50			Wavelength=1375A	Code=02	Exp #=76432	Rast=240 x240 Rast=265"x265"		cau= 202> Pitch=+285	1.0245/pixel ", Yaw=+873"
Event 88/10/	Event # = 9695 88/10/29,16:42 Start	D0Y=303 Peak	End times		1			-	7000	
Optica	16.38	16.42	16.49	HaClass=SF Importance=C3	\$18E56 Oual=01	AR5212	Mac. =CKU	Carr.Lon.=166deg	=166deg	H.Ang=budeg
HXRBS	16:38:26 16:39	16:39:36	16:41:14	Peakc/s=76 Wavelength=1375A	Qual=11 Code=00	Tot Cts=1967 Exp #=76442	MaxkeV=72 Rast=265"x265"	Flags=DG Step=5"	Pitch=+286"	", Yaw=+866"

Event # = 88/10/29,	# = 9688 29,16:55	DOY=303		SMM Pointing:	S15E66		Pitch=+279", Yaw	, Yaw=+854", Rol	,Roll=Odeg	H.Ang=68deg
Optica	שנע ר ון 16.50	ירמא 16.55	2 7	HaClass=SF	S13E59	AR5212	Mac.=CHO	Carr.Lon.=163deg	=163deg	H.Ang=61deg
HXRBS HXRBS BCS FCS	16:50 16:52:17 16:53	16:55 16:52:40 16:53	1/:18 16:53:05 16:54	<pre>Importance=CZ Peakc/s=134 CaPeak.c/s=39</pre>	Qual=03 Qual=01 Qual= 2	Tot Cts=1332 FePeak=16:53	MaxkeV=72 FePeak.c/s=11	#Peaks=1		XEN=830303
UVSP	16:44			Wavelength=1375A	Code=00	Exp #=76443	Kast=0"x0" Rast=130"x130"	Step=0" Step=5"	Cad=.26s Pitch=+343"	0.256s/pixel ",Yaw=+839"
Event # 88/10/29	# = 21960 '29,18:18	l.	1 1		Canada de Araba (Maraba Canada					
GOES	18:12 18:14	18:18 18:17	ن =	Importance=C2 CaPeak.c/s=48	Qual=01 Qual= 1	FePeak=18:17	FePeak.c/s=16	#Peaks=1	dt= 3.8s	XEN=830304
UVSP	18:17			Wavelength=1375A	Code=00	Exp #=76448	Rast=240"x240" Rast=130"x130"	Step=15" Step=5"	Cad= 262s 1 Pitch=+290",	l.024s/pixel ",Yaw=+818"
Event 88/10/	# = 21961 /29,22:44 Start	D07								
GOES BCS BCS	22:40 22:45	22:44 22:45	D	Importance=Cl CaPeak.c/s=19	Qual=01 Qual= 5	FePeak=22:45	FePeak.c/s=6		dt= 7.7s	XEN=830305
UVSP	22:45			Wavelength=1375A	Code=02	Exp #=76463	Rast=0"x0" Rast=130"x130"	Step=0" Step=5"	Cad=3840s Pitch=+327"	3840s/pixel ",Yaw=+851"
Event 88/10/	# = 9689 29,23:12 Start	D0Y=303	End +impo	SMM Pointing:	S15E63		Pitch=+283", Yaw	, Yaw=+833", Roll	, Roll=0deg	H.Ang=65deg
Optica	٠	72.12	114 CHIES	HaClass=SF	\$16E60	AR5212	Mac,=CHO	Carr.Lon.ª	.=158deg	H.Ang≖63deg
SCS SSS SSS SSS SSS SSS SSS SSS SSS SSS	23:04:40 23:05	23:05:31 23:12	23:06:21 23:21 23:21	importance-c3 Peakc/s=122 CaPeak.c/s=107	Qual=01 Qual= 1	Tot Cts=2138 FePeak=23:12	MaxkeV=72 FePeak.c/s=16	#Peaks=1	dt= 3.8s	XEN=830306
UVSP Radio	23:11 Sweeps	Type/I	23:11 Type/Intensity:	Wavelength=1375A III/3	Code=00	Exp #=76466	Rast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s Pitch=+291"	1.024s/pixel ",Yaw=+841"
Radio	Frequen	cy (MHz) / F 	lux(sfu):	245/140 410/92 A	ssociated	با د	1	! ! !		:
HXRBS UVSP	23:10:54 22:58	23:11:04		Peakc/s=82 Wavelength=1375A	Qual=01	Tot Cts=458 Exp #=76465	0	Step=5"	 Pitch	 , Yaw=+,
+40/	# - 0601				88/10/30	0 D0Y=304				
88/10/	/30,04:57 Start	D0Y=304 Peak	Fnd times	SMM Pointing:	\$15E59		Pitch=+287", Yaw	, Yaw=+803", Roll=Odeg	]≖0deg	H.Ang=62deg
	al 04:47	04:57	5:01	HaClass=SF Importance=C6	N23W77 Oual=04	AR5200	Mac.=FAI	Carr.Lon.=	=292deg	H.Ang=76deg
HXRBS	04:54:01 04:40	04:55:32	04:56:45	Peakc/s=142 Wavelength=2788A	Qual=01 Code=01	Tot Cts=3526 Exp #=76475	MaxkeV=72 Rast=180"x1"	Flags=M5 Step=0"	Pitch=+166"	', Yaw=+734"
Event   88/10/	# = 9692 30,05:35 Start	D0Y=304	Fod + impo	SMM Pointing:	S15E59		Pitch=+287", Yaw	, Yaw=+803", Roll	, Roll=Odeg	H.Ang≖62deg
GOES HXRBS UVSP	05:29 05:34:08 05:43	05:35 05:34:15	<b>3</b>	Importance=Cl Peakc/s=57 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=367 Exp #=76476	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+167", Yaw=+729	', Yaw=+729"

DOY-304   Care Line   Line	Event 88/10/	Event # = 9693 88/10/30,06:26	D0Y=304	- P C C	SMM Pointing:	S15E59		Pitch=+287",Yav	, Yaw=+803", Rol	, Roll=Odeg	H.Ang=62deg
DOY-304         End times         SHM Pointing:         S15E59         Pritch=+287", Yaw=+803", Roll           DOY-304         End times         HaClass=S         N22476         AR5200         Mac.=FAI         Carr.Lon.           DOY-303         D7:02:49         PeakC/s=498         Qual=01         Tot Cts=592         Maxeel=163         Rast=180"x1"         Step=0"           DOY-304         Havelength=2788A         Qual=01         Tot Cts=604         Maxeel=163", Yaw=+771", Roll           DOY-304         Havelength=2788A         Qual=01         Tot Cts=604         Maxeel=180"x1"         Step=0"           DOY-304         Havelength=2788A         Code=00         Exp #=76487         Rast=180"x1"         Step=0"           DOY-304         Havelength=2788A         Code=00         Exp #=76487         Rast=180"x1"         Step=0"           Havelength=2788A         Code=00         Exp #=76487         Rast=180"x1"         Step=0"           Havelength=2788A         Code=00         Exp #=76487         Rast=180"x1"         Step=0"           Havelength=2788A         Exp #=76490         Rast=180"x1"         Step=0"           Havelength=2788A         Exp #=76490         Rast=180"x1"         Step=0"           DOY=305         Wavelength=2788A         Exp #=76490	GOES HXRBS UVSP	Start 06:26:37 06:15			Peakc/s=69 Wavelength=2788A		Tot Cts=123 Exp #=76477	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+167'	Pitch=+167",Yaw=+727"
HaClass=5F   N22W76   AR5200   Mac.=FAI   Carr.Lon.	Event 88/10/	# = 9694 /30,07:03 Start	D0Y=304 Peak	E	ſ	S15E59		Pitch=+287", Yaw	w=+803", Rol	1=0deg	H.Ang*62deg
07:01:29 07:02:49 Pear C/5-468 Quai=01 Tot Cts=5927	Optica GOFS	الا 07:00	07:03	07:13	HaClass=SF	N22W76	AR5200	Mac.=FAI	Carr.Lon.	=290deg	H.Ang=75deg
12:013   12:08	HXRBS	07:01:05 07:18	. 07:01:29	07:02:49	Peakc/s=498 Wavelength=2788A	Qual=01	Tot Cts=5927 Exp #=76478		Step=0"	Pitch=+168"	", Yaw=+722"
12:01:07 12:01:48 Peakc/s=83 Qual=01 Tot Cts=604 Rast=180"x1" Step=0"  12:01:07 12:01:48 Peakc/s=83 Qual=01 Tot Cts=604 Rast=180"x1" Step=0"  12:01:07 12:01:48 Peakc/s=83 Qual=01 Tot Cts=604 Rast=180"x1" Step=0"  14:10 14:20 Importance=C2 Qual= 5 FePeak=14:16 FePeak.c/s=15 #Peaks=1  14:10 14:20 Importance=C1 Qual= 5 FePeak=16:07 FePeak.c/s=15 #Peaks=1  14:10 14:20 Importance=C1 Qual= 5 FePeak=16:07 FePeak.c/s=15 #Peaks=1  16:19 16:46 CaPeak.c/s=102 Qual=02 FePeak=16:07 FePeak.c/s=15 #Peaks=1  16:19 16:46 CaPeak.c/s=102 Qual=03 Rast=180"x1" Step=0"  16:19 16:46 Qual=03 Ctcs=26 Pack=16:07 Pack=297", yaw=+695", Roles CaPeak C	Event 88/10/	# = 9696 /30,12:03	D0Y=304	End +imoc	₩.	S15E56		Pitch=+291", Yaw	w=+771", Ro1	1=0deg	H.Ang=58deg
14:00	GOES HXRBS UVSP	12:00 12:00:53 12:00:53	12:03 12:01:07	12:01:48	Importance=Cl Peakc/s=83 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=604 Exp #=76484	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+171"	", Yaw≃+699"
14:14 14:21 CaPeak.c/s=26 Qual=04 14:14 14:21 CaPeak.c/s=26 Qual=05 14:14 14:21 CaPeak.c/s=26 Qual= 5 FePeak=14:16 Rast=0"x0" Step=0"  Navelength=2788A Code=00 Exp #=76487 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=102 Qual=0 Rast=180"x1" Step=15"  Navelength=2788A Exp #=76490 Rast=180"x1" Step=15"  Navelength=2788A Exp #=76490 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=102 Qual=0 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=102 Qual=0 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=102 Qual=0 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=62 Qual=01 Tot Cts=260 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=62 Qual=01 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=62 Qual=01 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=62 Qual=01 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=21 Qual=01 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=21 Qual=01 Rast=180"x1" Step=0"  16:19 16:46 CaPeak.c/s=21 Qual=01 Rast=180"x1" Step=0"	Event 88/10/	# = 21962 /30,14:10	68								
004=304	GOES	35art 14:00 14:14	14:10 14:14	14:30 14:21	Importance=C2 CaPeak.c/s=26	Qual=04 Qual= 5	FePeak=14:16	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=830400
DOY=304  Life times  Life times  Life to times  Life to times  Life to times  Life to times  Life to times  Life to times  Life to times  Life times	UVSP	14:04			Wavelength=2788A		Exp #=76487	kast=U"xU" Rast=180"x1"	Step=0"	Cad=1.028 Pitch=+171'	I.U24S/p1xel ",Yaw=+689"
16:19 16:46 CaPeak.c/s=102 Qual=0 Pepeak=16:07 FePeak.c/s=15 #Peaks=1	Event 88/10/	# = 21694 '30,16:19 Start		End times							
Mavelength=2788A Exp #=76490 Rast=180"x1" Step=0"	BCS BCS	15:53	-::	16:46		Qual=00 Qual= 2	FePeak=16:07	FePeak.c/s=15			XEN=830401
88/10/31 D0Y=305  SMM Pointing: S15E48 Pitch=+297", Yaw=+695", Rol 22:08	UVSP	16:40			Wavelength=2788A		Exp #=76490	Rast=240"X240" Rast=180"x1"			1.0245/p1xel ",Yaw=+675"
DOY=305  SMM Pointing: S15E48  End times 22:08  OZ:03  DZ:04:52  D	4000	7020 - #				88/10/3					
22:08 02:23 Importance=C1 Qual=O3	event 88/10/	# = 969/ /31,02:08 <+art	DOY=305	Fnd times	SM	S15E48		Pitch=+297",Yaw	w≈+695", Rol	1=0deg	H.Ang≕51deg
D0Y=305 Peak End times 04:40 04:47 Importance=C1 Qual=01 04:41 04:46 CaPeak.c/s=21 Qual= 4 FePeak=04:41 FePeak.c/s=6 #Peaks=1 04:41 04:46 CaPeak.c/s=21 Qual= 4 Exp #=76519 Rast=0".x0" Step=0"	GOES HXRBS UVSP	02:00 02:04:46 02:04	02:08 02:08:04:52	02:23 02:05:21	Importance=Cl Peakc/s=62 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=260 Exp #=76516	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+177"	', Yaw=+621"
04:40	Event 88/10/	# = 21964 '31,04:40 Start	D0Y=305 Peak	End times							
04:08 Wavelength~2788A Exp #=76519 Rast=180"x1" Step=0"	BCS FCS	04:30 04:41	04:40 04:41	04:47 04:46	Importance=Cl CaPeak.c/s=21	Qual=01 Qual= 4	FePeak=04:41	FePeak.c/s=6		dt= 7.7s	XEN=830500
	UVSP	04:08			Wavelength≖2788A		Exp #=76519	Rast=180"x1"		Cau=1.025 Pitch=+178"	1.0245/plxer ", Yaw=+608"

Event # = 21965 88/10/31,11:11 Start GOES 10:45 BCS 11:03 FCS UVSP 11:26	1965 :11 D0Y=3C t Peak 5 11:11 3 11:11	)5	End times 11:42 11:31	Importance=C2 CaPeak.c/s=35 Wavelength=2788A	Qual=03 Qual= 1	FePeak=11:17 Exp #=76528	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Xi Cad=1.02s 1 Pitch=+182",	XEN=830501 1.024s/pixel , Yaw=+562"
Event # = 21966 88/10/31,12:09 Start GOES BCS 12:08 FCS 11:57	1966 :09 DOY= t Peak 8 12:0	DOY=305 Peak 12:09	End times 12:22	CaPeak.c/s=19 Wavelength=2788A	Qual=00 Qual= 5	FePeak=12:12 Exp #=76529	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s XI Cad=1.02s 1. Pitch=+182",	XEN=830502 1.024s/pixel ", Yaw=+558"
Event # = 21967 88/11/01,04:46 Start Optical GOES 04:31 BCS 04:34 FCS		99	End times 05:23 04:43	HaClass=SF Importance=C3 CaPeak.c/s=97 Wavelength=2788A	S19E30 Qual=02 Qual= 1 Code=01	Exp	Mac.=EHI FePeak.c/s=21 Rast=240"x240" Rast=180"x1"	Carr.Lon.=159deg #Peaks=1 dt= 7. Step=10" Cad= 5 Step=0" Pitch=	=159deg H dt= 7.7s Xi Cad= 590s 1 Pitch=+188",	H.Ang=38deg XEN=830600 1.024s/pixe1
Event # = 9700 88/11/01,07:04 Start GOES 06:59 HXRBS 07:03:16 UVSP 06:43		DOY=306 Peak 07:04 07:03:25	End times 07:09 07:03:37	SMM Pointing: Importance=B7 Peakc/s=81 Wavelength=2788A	\$15E32 Qual=01 Qual=01	Tot Cts=337 Exp #=76593	Pitch=+310", Yaw=+493", Roll=Odeg MaxkeV=72 Rast=180"x1" Step=0" Pitch	=+493", Rol	l=0deg H.Ang=37d Pitch=+189", Yaw=+424	H.Ang=37deg , Yaw=+424"
Event # = 9701 88/11/01,11:02 Start Optical GOES 10:51 HXRBS 10:56:32 GRS 10:58:00 UNSP 10:58:00	1	DOY=306 Peak 11:02 10:58:15	End times 11:39 10:58:37 10:59:00	SMM Pointing: HaClass=1N Importance=M3 PeakC/s=3144 Wavelength=2788A	S15E30 N14E81 Qual=02 Qual=03 Code=01	AR5218 Tot Cts=95302 Exp #=76598	Pitch=+311", Yaw Mac.=DSO MaxkeV=330 Rast=180"x1"	,Yaw=+469",Roll=Odeg Carr.Lon.=104deg Flags=EN " Step=0" Pitch=	1=0deg H.Ang=36de =104deg H.Ang=80de Dur=60sec Pitch=+191", Yaw=+392"	H. Ang=36deg H. Ang=80deg Dur=60sec, , Yaw=+392"
Event # = 9702 88/11/02,08:50 Start Optical GOES 08:46 HXRBS 08:47:08 UVSP 08:45	i 1 i	31	End times 08:53 08:47:51	SMM Pointing: HaClass=SF P Importance=C1 ( Peakc/s=67 ( Wavelength=2788A (	88/11/02 S15E18 N13E15 Qua = 01 Code = 00	2 DOY=307 AR5218 Tot Cts=401 Exp #=76666	Pitch=+316", Yaw Mac.=DS0 MaxkeV=72 Rast=180"x1"	,Yaw=+284",Roll=Odeg Carr.Lon.=158deg " Step=0" Pitch=	,Roll=Odeg H.Ang=26de Lon.=158deg H.Ang=17de O" Pitch=+195",Yaw=+213"	H.Ang=26deg H.Ang=17deg ', Yaw=+213"

Event # = 9703 88/11/02,10:01	3 1 DOY=307		SMM Pointing:	S15E17		Pitch=+316", Ya	, Yaw=+273", Rol	, Roll=Odeg	H.Ang=26deg
Optical		יים ביות ב	HaClass=SF	\$16E18	AR5212	Mac.=EHI	Carr.Lon.=155deg	=155deg	H.Ang=27deg
HXRBS 09:55:EUVSP 10:20 Radio Sweeps Radio Freque	09:55:59 09:56:26 10:07 10:20	]:02 ity: fu):	Importance=L5 Peakc/s=233 ( Wavelength=2788A III/3 245/86 606/180	(ual=03 (ual=01	Tot Cts=9163 Exp #=76668	MaxkeV=132 Rast=180"x1"	Step=0"	Pitch=+195"	", Yaw=+200"
Event # = 9708 88/11/02,11:57	8 7 DOY=307		SMM Pointing:	S15E16		Pitch=+316", Yaw=+263", Roll=0deg	w=+263". Ro1	]=0dea	H. Ana=25dea
Start GOES 11:49 HXRBS 11:52:17 UVSP 11:52	Peak 11:57 :17 11:53:27	End times 12:08 11:55:57	Importance=C2 Peakc/s=304 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=12395 Exp #=76670	MaxkeV=132 Rast=180"x1"	Step=0"	Pitch=+195"	', Yaw=+186"
Event # = 9709 88/11/02,12:50 Start	) D0Y=307 Peak	Fnd times	SMM Pointing:	S15E15		Pitch=+317", Yaw=+250", Roll=Odeg	w=+250", Rol	1=0deg	H.Ang=25deg
GOES HXRBS 12:49:30 UVSP 12:28		12:50:3	Peakc/s=75 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=596 Exp #=76671	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+196"	', Yaw=+181"
Event # = 9710 88/11/02,14:16 Start	1		SMM Pointing:	S15E15		Pitch=+315", Yaw=+237", Roll=Odeg	w=+237", Rol	]=0deg	H.Ang=24deg
GOES 14:09 HXRBS 14:10:13 UVSP 14:03	14:16 13 14:10:39	14:22 14:12:06	Importance=C1 Peakc/s=129 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=2381 Exp #=76673	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+194",Yaw=+168	, Yaw=+168"
سيد	. D0Y=307 Peak	End times	1						
Uptical GOES 17:18 RCS 17:21	17:22	17:29	HaClass=SF Importance=Cl	\$19E15 Qual=01		Mac.=EHI	-		H.Ang=27deg
FCS 17:21 UVSP 17:19 Radio Freque	(MHz)	/.c4 x(sfu):	5A		FePeak=1/:22 Exp #=76677	rePeak.c/s=10 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s x Cad=1.02s 1 Pitch=+323",	XEN=830700 1.024s/pixel ',Yaw=+222"
Event # = 9711 88/11/02,17:42 Start	1	1	SMM Pointing:	S15E13		Pitch=+316", Yaw=+210", Roll=0deg	/=+210", Rol		H.Ang=23deg
17:37 17:42: 17:37	17:42	17:54 6 17:43:04	Importance=B7 Peakc/s=80 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=243 Exp #=76683	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=+385",Yaw=+213	,Yaw=+213"
<pre>Event # = 21969 88/11/02,18:51 Start Optical</pre>	9 00Y=307 Peak	End times		C19E11	ADE 21.2	1	-		
GOES 18:49 BCS 18:52 FCS	18:51 18:52	19:07 18:54	Importance=C2 CaPeak.c/s=33	310511 Qual=01 Qual= 5	52	mac.=Enl FePeak.c/s=8	#Peaks=1	7.5	H.Ang=25deg XEN=830701
UVSP 18:54			Wavelength=1375A	Code=02	Exp #=76684	Kast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+323",	1.024s/plxel ',Yaw=+209"

*/1/0/	= 21970 2,22:16 Start	DOY= Peak	d times		N09E55	AR5218	Mac.=DSO	Carr.Lon.=111deg	=111deg	H.Ang=55deg
GOES BCS FCS UVSP	22:11 22:13 22:05	22:16 22:17	22:25 22:25	Importance=UZ CaPeak.c/s=33 Wavelength=1375A	Qual=01 Qual= 1 Code=00	FеРе Ехр	FePeak.c/s=8 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+320",	XEN=830702 1.024s/pixel ", Yaw=+58"
Event # = 9712 88/11/03 00:14	= 9712	DOY=308		SMM Pointing:	88/11/03 S15E09	3 DOY=308	Pitch=+317", Yaw	, Yaw=+154", Roll	, Roll=Odeg	H.Ang=21deg
`` <del></del>		Peak	End times	HaClass=SF	N13E62	AR5218	Mac.=EA0	Carr.Lon.=103deg	=103deg	H.Ang=62deg
GOES HXRBS UVSP Radio	00:10 00:09:16 00:04 Frequenc	0:10 00:14 00:2 0:09:16 00:11:59 00:1 0:04 Frequency(MHz)/Flux(s	9 7:27 fu):	Importance=C2 Peakc/s=257 Wavelength=1375A 8800/51 15400/53	Qual=03 Qual=01 Code=00	Tot Cts=7454 Exp #=76726	MaxkeV=193 Rast=10"x10"	Step=0"	Pitch=+371"	', Yaw=+145"
Event # 88/11/0	= 9713 3,04:39	D0Y=308		SMM Pointing:	S15E07		Pitch=+317", Yaw	, Yaw=+112", Rol	,Roll=Odeg	H.Ang=20deg
GOES HXRBS UVSP	Start 04:38 S 04:38:59 05:05	Peak 04:39 04:39:06	End times 04:43 04:39:24	Importance=B8 Peakc/s=65 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=197 Exp #=76735	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+196", Yaw=+35	', Yaw≖+35"
Event # 88/11/0 GOES BCS	t # = 21971 1/03,08:14 Start 08:02 08:07	DOY=308 Peak 08:14 08:14	End times 08:19 08:19	Importance=C1 CaPeak.c/s=23	Qual=03 Qual= 4	FePeak=08:13	FePeak.c/s=14	#Peaks=1	dt= 7.7s X	XEN=830800
FCS	08:12			Wavelength=2788A	Code=00	Exp #=76739	kast=U XU Rast=180"x1"	Step=0"	cad-1.028 Pitch=+196'	1.06+3/ pixel
Event # 88/11/0 GOES BCS FCS UVSP	nt # = 21972 11/03,09:27 Start 09:11 08:56 P 09:47	DOY=308 Peak 09:27 09:24	End times 09:40 09:53	Importance=C3 CaPeak.c/s=98 Wavelength=2788A	Qual=01 Qual= 1	FePeak=09:21 Exp #=76741	FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=2 Step=15" Step=0"	j	dt= 7.7s XEN=830801 Cad= 262s 1.024s/pixe1 Pitch=+196",Yaw=-8"
Event # 88/11/0 Optical GOES BCS FCS	Event # = 21973 88/11/03,12:23 Start Optical GOES 12:18 BCS 12:19 FCS	DOY=308 Peak 12:23 12:22	End times 12:33 12:33	HaClass=SF Importance=C2 CaPeak.c/s=82	\$19E05 Qual=01 Qual= 1	AR5212 FePeak=12:21	Mac.=EHO FePeak.c/s=16 Rast=240"x240"	Carr.Lon.=153deg #Peaks=1 dt= 3. Step=15" Cad= 2	=153deg dt= 3.8s Cad= 262s	H.Ang=24deg XEN=830802 1.024s/pixel
Event # 88/11/03, 84 GOES 12 BCS 12 FCS	= 21974 13,12:47 Start 12:43 12:44	D0Y=308 Peak 12:47 12:48	End times 13:04 12:54	Importance=C1 CaPeak.c/s=43	Qual=03 Qual= 1	FePeak=12:47	FePeak.c/s=13 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s Cad= 590s	XEN=830803 1.024s/pixel

Event # = 21975 88/11/03,13:36 Start	5 D0Y=308 Peak	Fnd times							
Optical GOES 13:31 BCS 13:38 FCS	13:36 13:38		HaClass=SN Importance=C2 CaPeak.c/s=77	\$19E06 Qual=05 Qual= 5	AR5212 FePeak=13:38	Mac.=EH0 FePeak.c/s=11 Rast=240"x240"	Carr.Lon.=152deg #Peaks=1 dt= 3.3 Step=10" Cad= 5	deg H.Ang=24deg 3.8s XEN=830804 = 590s 1.024s/pixel	<b>.</b>
Event # = 9715 88/11/03,23:42		Fod + impo	SMM Pointing:	N04W00		Pitch=+0", Yaw=+0", Roll=Odeg	0", Roll=0deg	H.Ang=0deg	
GOES 23:39 HXRBS 23:40:5	23:42 4 23:41:17	23:49 23:41:29	Importance=86 Peakc/s=63	Qual=01 Qual=01	Tot Cts=151	MaxkeV=72			
1				88/11/04	t D0Y=309				
Event # = 9/16 88/11/04,05:31 Ctart	DOY=309	+ -	SMM Pointing:	N04W00		Pitch=+7", Yaw=-	, Yaw=-1", Roll=0deg	H.Ang=0deg	
Optical GOES 05:25 HXRBS 05:26:27 Radio Freque	Ų	, rC++	HaClass=SF Importance=C2 Peakc/s=248 245/290 410/73 60	N11E40 Qual=01 Qual=01 Tot 606/43 2695/37	AR5218 Tot Cts=15200 5/37	Mac.=EHI MaxkeV=163	Carr.Lon.=109deg	H.Ang=40deg	_
Event # = 9717 88/11/04,08:35			SMM Pointing:	N04W00		Pitch=+3", Yaw=+1", Roll=Odeg	1", Roll=Odeg	H.Ang=0deg	
Start GOES 08:31 HXRBS 08:32:23	Peak 08:35 3 08:32:31	End times 08:47 08:32:51	Importance=Cl Peakc/s=63	Qua}=01 Qua]=01	Tot Cts=288	MaxkeV=72			
Event # = 9718 88/11/04,11:34 Start	D0Y=309 Peak	End times	SMM Pointing:	S15W10		Pitch=+314", Yaw:	Pitch=+314", Yaw=-167", Roll=Odeg	H.Ang=22deg	
GOES HXRBS 11:33:53 UVSP 11:23		11:35:04	Peakc/s=79 Wavelength≃2788A	Qual=00 Qual=01	Tot Cts=837 Exp #=76747	MaxkeV=101 Rast=180"x1"	Step=0" Pitch=	Pitch=+193",Yaw=-235"	
Event # = 9719 88/11/04,12:12 Start	DOY=309	Fnd + imas	SMM Pointing:	S15W10		Pitch=+314", Yaw	Pitch=+314", Yaw=-167", Roll=Odeg	H.Ang=22deg	
Optical GOES 12:02		•	HaClass=SF Importance=Cl	\$19W09	AR5212	Mac.=EKC	Carr.Lon.=154deg	H.Ang=25deg	
HXRBS 12:05:32 UVSP 12:22	2 12:05:46	12:06:09	Peakc/s=55 Wavelength=2788A	Qual=01	Tot Cts=198 Exp #=76748	MaxkeV=72 Rast=180"x1"	Step=0" Pitch=	Pitch=+193",Yaw=-244"	
t # = 2197 1/04,12:21 Start	6 D0Y=309 Peak	End times				:			
GOES 12:15 BCS 12:09	12:21 12:20	12:32 12:27	Hatlass=SF Importance=C1 CaPeak.c/s=48	519¥09 Qua]=03 Qua]= 1	AR5212 FePeak=12:20			8s	
FCS UVSP 12:22		<b></b>	Wavelength=2788A Code=02		Exp #=76748	Rast=0"x0" Rast=180"x1"	Step=0" Cad=1.02s 1 Step=0" Pitch=+193",	02s 1.024s/pixel +193", Yaw=-244"	_

Event # = 21977 88/11/04,14:40 Start GOES 14:39 BCS 14:40 FCS 14:40 UNSP 14:31	1	DOY=309 Peak 14:40 14:40	End times 14:43 14:44	Importance=B8 CaPeak.c/s=22 Wavelength=2788A	Qual=04 Qual= 4 Code=00	FePeak=14:40 Exp #=76751	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+192"	dt= 7.7s XEN=830901 Cad=1.02s 1.024s/pixe1 Pitch=+192", Yaw=-8"
Event # = 21978 88/11/04,22:34 Start GOES BCS 22:29 FCS UVSP 22:33		D0Y=309 Peak 22:34	End times 22:43	CaPeak.c/s=26 Wavelength=1375A	Qual=00 Qual= 1	FePeak=22:29 Exp #=76793	FePeak.c/s=8 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+371"	XEN=830902 1.024s/pixel ',Yaw=-232"
Event # = 9720 88/11/04,22:53 Start Optical GOES HXRBS 22:53:45 UVSP 22:46		DOY=309 Peak 22:53:50	End times 22:54:03	SMM Pointing: HaClass=SF Peakc/s=105 Wavelength=1375A	\$15W16 \$18W15 Qual=00 Qual=01	AR5212 Tot Cts=259 Exp #=76796	Pitch=+312", Yaw Mac.=EKC MaxkeV=72 Rast=10"x10"	,Yaw=-263",Roll=Odeg Carr.Lon.=154deg "Step=0" Pitch=	,Roll=Odeg	H.Ang=25deg H.Ang=26deg ',Yaw=-234"
Event # = 9721 88/11/05,01:43 Start GOES HXRBS 01:43:05 UVSP 01:26	1 1	D0Y=310 Peak 01:43:07	End times 01:43:13	SMM Pointing: Peakc/s=63 Wavelength=2788A	88/11/05 S15W18 Qual=00 Qual=01	5 DOY=310 Tot Cts=68 Exp #=76804	Pitch=+311", Yaw=-289", Roll=Odeg MaxkeV=72 Rast=180"x1" Step=0" Pitch	w=-289", Rol	1=0deg Pitch=+191"	H.Ang=26deg
Event # = 9722 88/11/05,05:31 Start Optical GOES 05:25 HXRBS 05:27:37 UVSP 05:33 Radio Frequen	5,05:31   5,05:31   1,05:25   1,05:25   1,05:27:37   1,05:33   1,0	= 9722 .05:31 DOY=310 tart Peak End tim 5:25 05:31 05:35 5:27:37 05:28:48 05:29:2 5:33 Frequency(MHz)/Flux(sfu)	. 2 es	SMM Pointing: HaClass=SF Importance=C2 Peakc/s=166 Wavelength=2788A 606/71	S15W20 N13E33 Qual=01 Qual=01 Code=02	AR5218 Tot Cts=2371 Exp #=76809	Pitch=+311", Yaw Mac.=EKI MaxkeV=101 Rast=180"x1"	,Yaw=-316",Roll=Odeg Carr.Lon.=103deg "Step=O"Pitch=	=0deg	H.Ang=27deg H.Ang=34deg ',Yaw=-138"
Event # = 9723 88/11/05,22:13 Start GOES HXRBS 22:13:50 UVSP 22:13	_	DOY=310 Peak 22:13:53	End times 22:14:00	SMM Pointing: Peakc/s=135 Wavelength=1375A	\$15W29 Qual=00 Qual=01	Tot Cts=227 Exp #=76857	Pitch=+305", Ya MaxkeV=163 Rast=10"x10"	,Yaw=-456",Roll=0deg " Step=0" Pitch	]=Odeg Pitch=+424"	H.Ang=34deg ", Yaw=-403"
Event # = 9724 88/11/06,00:16 [5 Start 60ES 00:13 (9 HXRBS 00:13 (19 HXRBS 00:14 (19 HXRBS 00:	9724 0:16 rt 13 13:29	DOY=311 Peak 00:16 00:14:00	End times 00:25 00:14:20	SMM Pointing: Importance=B6 Peakc/s=63 Wavelength=1375A	88/11/06 S15W30 Qual=03 Qual=01 Code=00	<pre>16</pre>	Pitch=+304", Ya	,Yaw=-468",Roll=Odeg "Step=0"Pitch	]=0deg Pitch=+423'	=0deg H.Ang=35deg Pitch=+423", Yaw=-418"

Event # 88/11/0 GOES BCS	Event # = 21979 88/11/06,03:09 Start GOES 02:45 BCS 03:05	DOY=311 Peak 03:09 03:11	End times 03:25 03:12	Importance=Cl CaPeak.c/s=1118	Qual=01 Qual= 1	FePeak=03:11	FePeak.c/s=7	#Peaks=2	dt= 7.7s	XEN=831100
FCS UVSP	02:28			Wavelength=2788A		Exp #=76879	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+182	1.024s/p1xe1 ", Yaw=-306"
Event # 88/11/0	t # = 9725 1/06,04:19 Start	DOY=311 Peak	End times	SMM Pointing:	S15W33		Pitch=+303", Yaw	, Yaw=-505", Roll=Odeg	1=0deg	H.Ang≈37deg
GOES HXRBS UVSP	04:19:37 04:01	04:19:57	04:	Peakc/s=72 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=367 Exp #=76881	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+182"	', Yaw=-319"
Event # 88/11/0	t # = 9726 1/06,08:07 Start	DOY=311 Peak	End times	SMM Pointing:	S15W34		Pitch=+302", Yaw=-528", Roll=Odeg	/=-528", Rol	]=0deg	H.Ang=39deg
GOES HXRBS UVSP		08:07:02	: 08:07:17	Peakc/s=94 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=679 Exp #=76886	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch≖+180'	Pitch=+180", Yaw=-349"
Event # 88/11/C	5,08 5,08 Star	DOY=	illes		\$22W32	AR5212	Mac.=FKI	Carr.Lon.=153deg	=153deg	H.Ang=41deg
BCS	08:56	08:57	00:60	Importance=c1 CaPeak.c/s=35	Qual= 1	FePeak=08:56	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=831102
UVSP	08:43			Wavelength=2788A	Code=01	Exp #=76887	Rast=180"x1"	Step=0"	Cdu=1.028 Pitch=+180	1.0245/p1xe1 ", Yaw=-354"
Event # 88/11/0	= 9727 16,09:47	D0Y=311		SMM Pointing:	S15W35		Pitch=+301", Yaw=-540", Roll=0deg	/=-540", Rol	1=0deg	H.Ang=40deg
GOES HXRBS UVSP	Start S 09:43 0 BS 09:45:50 0 P 09:41	Peak 09:47 09:46:06	End times 09:50 5 09:46:22	Importance=C1 Peakc/s=132 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=1087 Exp #=76888	MaxkeV=132 Rast≈180"x1"	Step=0"	Pitch*+180"	", Yaw=-361"
Event # 88/11/0	f = 9728 16, 10:33	DOY=311	4	SMM Pointing:	S15W36		Pitch=+301", Yaw=-551", Roll=Odeg	/=-551", Rol	1=0deg	H.Ang=40deg
GOES HXRBS UVSP	Start 10:23 S 10:29:26 10:16	Peak 10:33 10:30:12	End Cimes 10:42 : 10:31:32	Importance=C3 Peakc/s=56 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=716 Exp #=76889	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+180"	", Yaw=-365"
Event # 88/11/0	t = 9729 16, 10:49 Start	DOY=311	Fnd times	SMM Pointing:	S15W36		Pitch=+301", Yaw=-551", Roll=Odeg	/=-551", Rol	1=0deg	H. Ang=40deg
GOES HXRBS BCS BCS	10:43 10:43:03 10:29	10:49 10:44:09 10:48	10:56 10:48:02 11:21	Importance=C4 Peakc/s=187 CaPeak.c/s=174	Qual=01 Qual=01 Qual= 1	Tot Cts=6694 FePeak=10:46	MaxkeV=101 FePeak,c/s=31 Dast=240"<240"	#Peaks=2	dt= 7.7s Cad= 262c	XEN=831106 1 024s/pixel
UVSP	11:16			Wavelength=2788A		Exp #=76890	Rast=180"x1"		Pitch=+179	", Yaw=-372"

Event # 88/11/0	= 9730 6,11:09	DOY=311	+ Pa	SMM Pointing:	S15W36		Pitch=+301", Yaw	, Yaw=-551", Rol	, Roll=Odeg	H.Ang=40deg
GOES HXRBS UVSP	3.47. 11:04:07 11:16	11:09 11:04:23	Erla times 11:41 11:04:35	Importance=C3 Peakc/s=72 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=208 Exp #=76890	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+179", Yaw=-37	", Yaw=-372"
Event # 88/11/0 Optical GOES BCS FCS	Event # = 21981 88/11/06,14:09 Optical GOES 13:58 BCS 14:22 FCS 14:24	D0Y=311 Peak 14:09 14:22	End times 14:30 14:27	HaClass=SF Importance=C2 CaPeak.c/s=19 Wavelength=2788A	\$22W35 Qual=05 Qual= 5	AR5212 FePeak=14:22 Exp #=76894	Mac.=FKI FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	Carr.Lon.=153deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	7s 02s +225	H.Ang=43deg XEN=831103 1.024s/pixel ", Yaw=-376"
Event # 88/11/0 Optical GOES	Event # = 9731 88/11/06,18:29 Start Optical GOES 18:18	🗅 🕶 💳	End times	SMM Pointing: HaClass=28 Importance=M5	S18W40 S20W37 Oual=03	AR5212	Pitch=+345", Yaw: Mac.=FKI	,Yaw=-588",Roll=Odeg Carr.Lon.=152deg	,Roll=Odeg Lon.=152deg	H.Ang=45deg H.Ang=43deg
HXRBS GRS GRS FCS	18:19:15 18:21:00 18:21	18:22:12 18:29	18:36:29 18:24:00 18:41	Peakc/s=2496 CaPeak.c/s=3114	Qual=01	Tot Cts=2.81E+5 FePeak=18:28	MaxkeV=485 FePeak.c/s=1323 Rast=240"x240"	Flags=M5 #Peaks=1 Step=10"		Dur=180sec XEN=831104 1.024s/pixel
Radio	18:18 Frequenc	Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=13/5A Code=UU Exp #=/69U/ 606/63 1415/45 8800/350 15400/190	Code=00 00/350 1	Exp #=/690/ 5400/190	Rast=10"x10"	Step=0"		", Yaw=-597"
Event # 88/11/0 Optical GOES BCS FCS	1/06,20:05 1/06,20:05 Start cal 19:59 20:02	DOY=311 Peak 20:05 20:03	End times 20:20 20:08	aClass=SF mportance=Cl aPeak.c/s=28	\$22W39 Qual=01 Qual= 1		Mac.=FKI FePeak.c/s=8 Rast=0"x0"	<u> </u>	=154deg H dt= 7.7s X Cad=1.02s 1	H.Ang=46deg XEN=831105 1.024s/pixel
UVSP	19:52			Wavelength=1375A	Code=00	Exp	Rast=10"x10"	- 1	Pitch=+363	', Yaw=-598"
Event # 88/11/0 Optical GOES BCS FCS UVSP	Event # = 21983 88/11/07,05:21 Start Optical GOES 05:00 BCS 05:11 FCS 05:04	D0Y=312 Peak 05:21 05:17	End times 05:42 05:26	HaClass=SF Importance=C2 CaPeak.c/s=40 Wavelength=2788A	00 11/0/ 00 11/0/ 00 11/0/ 00 11/0/ 00 11/0/ 00 11/0/	AR5218 FePeak=05:14 Exp #=76949	Mac.=EKI FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	Carr.Lon.= #Peaks=1 Step=0" Step=0"	=105deg H dt= 7.7s X Cad=1.02s 1 Pitch=+220",	H.Ang=7deg XEN=831200 1.024s/pixe1
Event # 88/11/0 Optical GOES HXRBS FCS UVSP	Event # = 9733 88/11/07,10:41 Start Optical GOES 10:14 HXRBS 10:37:41 BCS 10:38 FCS 10:45	DOY=312 Peak 10:41 10:39:34	End times 10:49 10:47	SMM Pointing: HaClass=SF Importance=C1 PeakC/s=88 CaPeak.c/s=61 Wavelength=2788A	S18W48 S24W48 Qual=03 Qual=1 Qual=1 Code=02	Tot Cts=1207 FePeak=10:40 Exp #=76956	Pitch=+339", Yaw= Mac.=EKI MaxkeV=72 FePeak.c/s=19 Rast=0"x0" Rast=180"x1"	,Yaw=-687",Roll=Odeg Carr.Lon.=155deg 19 #Peaks=1 dt= 3. Step=0" Cad=1. " Step=0" Pitch=	88 02s +217	H.Ang=52deg H.Ang=54deg XEN=831202 1.024s/pixel ', Yaw=-507"

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", Yaw=-501" XEN=831201	1.024s/pixel	180 Bird	H.Ang=54deg	Pitch=+214",Yaw=-537"	H.Ang=58deg	", Yaw=-714"		H.Ang=65deg	H.Ang=14deg	', Yaw=-638"		H.Ang≈71deg	H.Ang=21deg	XEN=831400	0.256s/pixel ",Yaw≖-851"	H.Ang=74deg	, Yaw=-860"
Pitch=+218"	Cad=1.02s	6-6-10-11 6-7-10-10	1=0deg	Pitch=+214	1=0deg	Pitch=+361"		, Roll=0deg	=99deg	Flags=M5,IS Step=0" Pitch=+204"		, Roll=Odeg	=105deg	dt= 7.7s	Š	]≖0deg	Pitch=+324", Yaw=-860"
Step=0" "Peaks=1	Step=0"		,Yaw=-713",Roll=0deg	Step=0"	IW=-755", Rol	Step=0"		, Yaw=-816", Rol	Carr.Lon.=99deg	Flags=M5, Step=0"		, Yaw=-863", Rol	Carr.Lon.=105deg		Step=0" Step=5"	w=-875", Rol	Step=5"
MaxkeV=72 Rast=180"x1" FePeak.c/s=12	Rast=0"x0" Step=0" C	MaxkeV=72	Pitch=+336", Ya	MaxkeV=101 Rast=180"x1"	Pitch=+332", Yaw=-755", Roll=Odeg	MaxkeV=72 Rast=10"x10"		Pitch=+325", Ya	Mac.=EKI	MaxkeV=226 Rast=180"x1"		Pitch=+318",Ya	Mac.=EKI	MaxkeV=72 FePeak.c/s=9	Rast=0"x0" Rast=265"x265"	Pitch=+317", Yaw=-875", Roll=Odeg	MaxkeV=72 Rast=265"x265"
Event # = 9732 Tot Cts=544 Exp #=76955 Event # = 21984 FePeak=10:30		Tot Cts=380 Evn #=76050		Tot Cts=140 Exp #=76963		Tot Cts=728 Exp #=76995	5 D0Y=313		AR5218	Tot Cts=26751 Exp #=77032	D0Y=314		AR5218	Tot Cts=144 FePeak=01:02	Exp #=77088		Tot Cts=105 Exp #=77100
sociated Qual=01 sociated Qual= 1	NOALIOO		S18W51	Qual=01 Qual=01 Code=01	S18W55	Qual=01 Qual=01 Code=00	88/11/08	S18W62	N16W07		88/11/09	S18W69	N13W19	Qual=01 Qual= 5	Code=02	S18W71	Qual=04 Qual=01 Code=02
Peakc/s=71 Wavelength=2788A CaPeak.c/s=24	1		SMM Pointing:	Importance=87 Peakc/s=60 Wavelength=2788A	SMM Pointing:	Importance=B9 Peakc/s=87 Wavelength=1375A		SMM Pointing:	HaClass=2F	Peakc/s=148 Wavelength=2788A		SMM Pointing:	HaClass=SF	Peak(>=56 CaPeak.c/s=24	Peaksc/s=/bs Wavelength=1375A	SMM Pointing:	Importance=C2 Peakc/s=46 Wavelength=1375A
10:15:12		End times 13:04:27		End times 16:19 16:12:49	the times	22:40 22:34:50		Fod +	· :	12:43:38		Fnd + impe		01:01:37 01:06		End + imag	04:05:14
10:14:45 10:28	D0Y=312	Peak 13:04:06	D0Y=312	Peak 16:14 16:12:33	DOY=312	22:36 22:34:17		DOY=313	12.53	12:30:00		DOY=314		01:01:25	70:10	4	04:04:44
10:14:13 09:46 10:24	nt # = 9735 11/07 13:04	Start 13:03:49	# = 9736 07,16:14	Start GOES 16:11 HXRBS 16:12:25 UVSP 16:01	# = 9737 07,22:36 Start	22:33 22:33:56 22:28		Event # = 9738 88/11/08,12:53 Start	12.29	12:27:52 13:19		Event # = 9/39 88/11/09,01:01 Start	00.41	01:01:14	20:10	2-	03:58 03:58 04:11
HXRBS UVSP	FCS Event 88/11/	GOES HXRBS	Event 88/11/	GOES HXRBS UVSP	Event 88/11/	GOES HXRBS UVSP		Event 88/11/	Optica GOFS	HXRBS		88/11/	Optica GOFS	HXRBS BCS BCS	UVSP	Event 88/11/	GOES HXRBS UVSP

88/11/09,04:38	D0Y=314	:	SMM Pointing:	S18W71		Pitch=+317",Yaw	,Yaw=-875",Roll=Odeg		H.Ang=74deg
Start GOES 04:34 ( HXRBS 04:34:43 ( UVSP 04:33	eak 04:38 04:35:1	End times 04:41 4 04:37:56	Importance=Cl Peakc/s=105 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=2010 Exp #=77103	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+246",Yaw=-889"	, Үаw=-889"
Event # = 9741 88/11/09,06:19 Start GOES HXRBS 06:18:51	DOY=314 Peak 1 06:19:02	End times 2 06:19:27		\$18W71 Qual=00 Qual=01	Tot Cts=408	Pitch=+317",Yaw=-875",Roll=Odeg MaxkeV=72	=-875", Roll		H.Ang=74deg
05:43			Wavelength=2788A		Exp #=77106	Rast=243"x243"	Step=3"	Pitch=+323", Yaw=-864"	, Yaw=-864"
Event # = 9979 88/11/09,07:58	D0Y=314		SMM Pointing:	S18W71		Pitch=+317", Yaw	, Yaw=-875", Roll	, Roll=0deg	H.Ang=74deg
Optical		End tilles	HaClass=SF	N14W22	AR5218	Mac.=EKI	Carr.Lon.=104deg		H.Ang=24deg
GOES 07:54 HXRBS 07:54:52 UVSP 08:05 Radio Sweeps	66	:58 08:16 :56:08 07:58:03 Type/Intensity:	Importance=C1 Peakc/s=70 Wavelength=2788A III/2	Qua =03 Qua =01 Code=02	Tot Cts=1528 Exp #=77108	MaxkeV=72 Rast=180"x1"	Flags=I Step=0"	Pitch=+194"	, Үам=-698"
Event # = 9745 88/11/09,12:07	D0Y=314	-	SMM Pointing:	S18W7.3		Pitch=+314", Yaw=-885"	=-885", Roll	,Roll=Odeg	H.Ang=75deg
Start Optical		End times	HaClass≖1B	N13W29	AR5218	Mac.=EKI	Carr.Lon.=108deg	:108deg	H.Ang=30deg
GOES 12:01 HXRBS 12:04:40 UVSP 11:48	12:07 .0 12:05:14	12:20 12:05:28	Importance=C3 Peakc/s=62 Wavelength=2788A	Qual=03 Qual=01 Code=01	Tot Cts=513 Exp #=77113	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+192"	, Yaw=-707"
Event # = 9747 88/11/09,12:29	D0Y=314		SMM Pointing:	S18W75		Pitch=+312", Yaw	, Yaw=-893", Roll	, Roll=Odeg	H.Ang=77deg
Start Optical	Peak	es S	HaClass=1B	N13W29	AR5218	Mac.=EKI	Carr.Lon.=108deg	108deg	H.Ang=30deg
GOES 12:20 HXRBS 12:38:2 UVSP 12:47 Radio Freque	12:20 12:29 12:45 12:38:28 12:40:00 12:40:40:41 12:47 Frequency(MHz)/Flux(sfu)	N	Importance=X1 Peakc/s=92 Wavelength=2788A 245/380 1415/96 2	Qual=02 Qual=02 695/260	Tot Cts=2883 Maxkev=102 Exp #=77114 Rast=180"x1 4995/280 8800/370 15400/620	MaxkeV=102 Rast=180"x1" 0 15400/620	Flags=SA Step=0"	Pitch=+191",	, Yaw=-709"
Event # = 9748 88/11/09,12:59	1	1	SMM Pointing:	S18W75		Pitch=+312", Yaw=-893"	=-893", Roll	, Roll=Odeg	H.Ang=77deg
GOES 12:49 HXRBS 12:49:17 UVSP 12:47	reak 12:59 12:50:2	End times 13:11 4 12:50:41	Importance=C5 Peakc/s=69 Wavelength=2788A	Qual=02 Qual=01 Code=01	Tot Cts=755 Exp #=77114	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+191",Yaw=-709"	, Yaw=-709"
Event # = 9746 88/11/09,18:12	DOY=314	10 E + PC	SMM Pointing:	S18W78		Pitch=+310", Yaw=-903", Roll=Odeg	=-903", Roll	l=0deg	H.Ang=80deg
GOES HXRBS 18:12:09 UVSP 18:03			Peakc/s=80 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=518 Exp #=77121	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=+188",Yaw=-719"	, Yaw=-719"

Event 88/11/	Event # = 21985 88/11/09,21:24	D0Y=314								
GOES BCS	21:24	21:24	21:26	CaPeak.c/s=22	Qual=00 Qual= 4	FePeak=21:24	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=831401
UVSP	21:09			Wavelength=2788A		Exp #=77123	Kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=3840s Pitch=-259",	3840s/p1xel ',Yaw=-348"
Event 88/11/0	# = 9749 $09,21:53$	DOY=314	+ TO L	SMM Pointing:	N11W34		Pitch=-138", Yaw=-534", Roll=Odeg	r=-534", Rol	]=0deg	H.Ang=35deg
GOES HXRBS UVSP	21:41   21:41  S 21:51:31   21:09	21:53 21:51:54 21:51:54	21:59 21:52:16	Importance=C2 Peakc/s=61 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=245 Exp #=77123	MaxkeV=72 Rast=180"x1"	Step=0"	Pitch=-259'	Pitch=-259",Yaw=-348"
Event 88/11/	Event # = 9750 88/11/09,22:57	DOY=314		SMM Pointing:	N11W35		Pitch=-139", Yaw	, Yaw=-546", Roll=Odeg	]=0deg	H.Ang=35deg
Optica	35a1 t 32.54	22.57	23.04	HaClass=SF	N12W32	AR5218	Mac.≃EKI	Carr.Lon.=105deg	=105deg	H.Ang=33deg
HXRBS UVSP Radio Sv	23:00:17 22:56 Sweeps	38	23:00:54 tensity:	Importance-cz Peakc/s=58 Wavelength=1375A III/1	Qual=01 Qual=01 Code=00	Tot Cts=94 Exp #=77124	MaxkeV=72 Rast=265"x265"	Step=5"	Pitch=-131 <sup>"</sup>	Pitch=-131",Yaw=-533"
Event 88/11/	# = 9751 09,23:09		pod +	SMM Pointing:	N11W35		Pitch=-139", Yaw=-546", Roll=Odeg	/=-546", Rol	]=0deg	H.Ang=35deg
GOES HXRBS UVSP	GOES 23:08 HXRBS 23:09:01 UVSP 22:59	23:09:23	23:20 23:09:52	Importance=C2 Peakc/s=57 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=285 Exp #=77125	MaxkeV=72 Rast=110"x200"	Step=5"	Pitch=-174",Yaw=-561	', Yaw=-561"
	1 P				88/11/10	D0Y=315				
Event #		DOY=315	pani+ bal	SMM Pointing:	N11W36		Pitch=-140",Yaw=-557",Roll=Odeg	=-557", Rol	]=0deg	H.Ang=36deg
GOES HXRBS UVSP	00:33 00:33:38 00:34	00:36 00:36:14 0	. N	Importance=C2 Peakc/s=549 Wayelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=3929 Exp #=77131	MaxkeV=133 Rast=110"x200"	Flags=M5, Step=5"	Flags=M5,FS Step=5" Pitch=-140",Yaw=-574	', Yaw=-574"
	sweeps Frequen	reps :ype/intensity Frequency(MHz)/Flux(sfu)	lux(sfu):	000 410/100	606/40 20	606/40 2695/16 8800/28				
Event # 88/11/1		DOY=	End times		N14W31	AR5218	Mac.=EKI	Carr.Lon.=103deg	=103deg	H.Ang=32deg
BCS FCS	00:50 00:54	00:55	01:00	Importance=uz CaPeak.c/s=29	Qual=01 Qual= 1	FePeak=00:55	FePeak.c/s=10 Rast=240"x240"		dt= 7.7s Cad= 590s	XEN=831500
UVSP	00:53			Wavelength=1375A Code=00	Code=00	Exp #=77133	Rast=110"x200"	Step=5"	Pitch=-205"	', Yaw=-576"

Event #88/11/	vent # = 9753 8/11/10,01:05	D0Y=315	-	SMM Pointing:	N11W36		Pitch=-140", Yaw=-557", Roll=Odeg	557", Roll	l=0deg	H.Ang=36deg
Optica	Start	Peak 01.05	End times	HaClass=IN	N12E79	AR5231		Carr.Lon.=353deg	=353deg	H.Ang=79deg
HXRBS UVSP	01:00:58 00:53	01:02:16	01:04:02	Importance=tz Peakc/s=70 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=933 Exp #=77133	MaxkeV=72 Rast=110"x200"	Step=5"	Pitch=-205",Yaw=-576"	', Yaw=-576"
Event 88/11/	Event # = 21987 88/11/10,02:56 Start	D0Y=315 Peak	End times							
BCS PCS	02:50 02:52		03:06 02:56	Importance=C2 CaPeak.c/s=26	Qual=03 Qual≈ 1	FePeak=02:52	FePeak.c/s=7	#Peaks=1 Sten=O"	dt= 7.7s X	XEN=831501
UVSP Radio	02:44 Frequenc	:y(MHz)/F	2:44 Frequency(MHz)/Flux(sfu):	Wavelength=1375A 245/360	Code=00	Exp #=77141	Rast=110"x200"		Pitch=-176"	, Yaw=-590"
Event 88/11/	t # = 9754 1/10,03:35 Start	D0Y=315 Peak	End times	SMM Pointing:	N11W37		Pitch=-140", Yaw=-580",Roll=Odeg	=-580", Roll	1=0deg	H.Ang=38deg
GOES HXRBS IIVSP	03:35:20		03:36:4	Deakc/s=73 (Wavelength=13754	Qual=00 Qual=01	Tot Cts=471 Fxp #=77142	MaxkeV=72 Rast=265"x265"	Sten=5"	Pitch=-133"_Yaw=-568"	. Yaw=-568"
	Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Type/1 :y(MHz)/F		111/2 245/630 410/55 606/15	06/15			) 		
Event 88/11/	Event # = 9755 88/11/10,05:40	DOY=315		SMM Pointing:	N11W38		Pitch=-141", Yaw=-592", Roll=Odeg	=-592", Roll	1=0deg	H.Ang=39deg
Optical		75ak 05.40	05. Y	HaClass=SN	N31E62	AR5229	Mac.=EAO	Carr.Lon.=8deg	=8deg	H.Ang=64deg
HXRBS UVSP	05:37:39 05:33	05:38:27	05:38:28	Peakc/s=59 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=384 Exp #=77151	MaxkeV=72 Rast=110"x200"	Step=5"	Pitch=-142", Yaw=-610"	', Yaw=-610"
Event 88/11/	Event # = 9756 88/11/10,06:16	DOY=315		SMM Pointing:	N11W39		Pitch=-141", Yaw	, Yaw=-603", Rol	Roll=Odeg	H.Ang=40deg
Optical		reak 06.16	02.30	HaClass=2N	N13E83	AR5231		Carr.Lon.=346deg	=346deg	H.Ang=82deg
HXRBS UVSP	$\sim$	06:40:47		Peakc/s=140 (Waye]ength=1375A	Qual=01	Tot Cts=9035 Exp #=77153	MaxkeV=195 Rast=110"x200"	Step=5"	Pitch=-172",Yaw=-613"	', Yaw≖-613"
Radio	Sweeps Frequen	Type/T	eeps !ype/Intensity: Frequency(MHz)/Flux(sfu):	111/3 1V/2 410/690 606/270 2695/730	595/730	4995/1100 8800/1500 15400/1900	1500 15400/1900			
Event 88/11/	# = 9757 $/10,07:03$ $Start$	DOY=315	Fnd +imes	SMM Pointing:	N11W39		Pitch=-141", Yaw=-603", Roll=Odeg	=-603", Rol	l=0deg	H.Ang=40deg
GOES HXRBS UVSP	07:02:37 06:48		07:2	Peakc/s=99 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=10417 Exp #=77155	MaxkeV=195 Rast=110"x200"	Flags=M5 Step=5"	Pitch=-152", Yaw=-619"	', Үам=-619"

Fighter 1 months and 114 and 124 and 124

Event	# = 9758	215		CWW Dointing.	N11UA1		Ditch=_143" Yaw	Vaw=_625" Rol	Ro11=Odea	H. Ann=41den
SBS T	Start 10:28 10:42 10:43 10:39	Peak 10:42 10:40:	End times 11:28 10:40:36	ortance=C3 kc/s=135 elength=2788A		Tot Cts=483 Exp #=77162	MaxkeV=164 Rast=180"x1"	Step=0"	Pitch=-263	pitch=-263", Yaw=-446"
Event   88/11/	# = 9761 10,21:24	D0Y=315	-	SMM Pointing:	N11W47		Pitch=-148", Yaw	, Yaw=-698", Roll=0deg	]=0deg	H.Ang=47deg
GOES HXRBS UVSP	Start 0ES 21:09 XRBS 21:16:05 VSP 21:17	Peak 21:24 21:16:19	End times 21:50 21:16:25	Importance=C2 Peakc/s=61 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=89 Exp #=77191	MaxkeV=72 Rast=10"x10"	Step=0"	Pitch=-149	Pitch=-149",Yaw=-745"
					88/11/1	1 DOY=316				
Event #88/11/]	# = 9762 11,00:15	D0Y=316		SMM Pointing:	N11W49		Pitch=-149", Yaw	, Yaw=-718", Roll=0deg	1=0deg	H.Ang=49deg
GOES HXRBS UVSP	5 00:13:32 00:11:32	00:15 00:14:00	00:19 00:19 00:14:17	Importance=Cl Peakc/s=63 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=235 Exp #=77211	MaxkeV=73 Rast=10"x10"	Step=0"	Pitch=-190"	", Yaw=-668"
Event 88/11/	# = 9763 11,00:22		1	SMM Pointing:	N11W49		Pitch=-149", Yaw	, Yaw=-718", Rol	, Roll=Odeg	H.Ang=49deg
GOES HXRBS UVSP	Start GOES 00:19 HXRBS 00:23:13 UVSP 00:11	Peak 00:22 00:23:27	End times 00:31 7 00:23:36	Importance=C2 Peakc/s=71 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=151 Exp #=77211	MaxkeV=73 Rast=10"x10"	Step=0"	Pitch=-190",	", Yaw=-668"
Event 88/11/	Event # = 9764 88/11/11,03:29	D0Y=316		SMM Pointing:	N11W51		Pitch=-150", Yaw	, Yaw=-738", Rol	, Roll=Odeg	H.Ang=51deg
Optical	Start		End times	HaClass=SF		AR5233	Mac.=HSX	Carr.Lon.=343deg	=343deg	H.Ang≖75deg
GOES HXRBS UVSP	03:20 03:19:23 03:20	03:29 03:20:09	03:49 9 03:20:40	Importance=CZ Peakc/s=54 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=429 Exp #=77237	MaxkeV=73 Rast=10"x10"	Step=0"	Pitch=-161"	", Үаw=-776"
Event 88/11/	# = 9982 11,04:03			SMM Pointing:	N11W51		Pitch=-150", Yaw	, Yaw=-738", Rol	, Roll=Odeg	H.Ang=51deg
GOES HXRBS UVSP Radio	Start 03:50 5 03:49:13 03:46 5 Sweeps	Teak 5114 04:03 04:1 03:50:43 03:5 Type/Intens	1:17 ity:	Importance=C2 Peakc/s=110 Wavelength=1375A V/2	Qual=02 Qual=01 Code=01	Tot Cts=1466 Exp #=77243	MaxkeV=73 Rast=10"x10"	Flags=I Step=0"	Pitch=-151	Pitch=-151",Yaw=-774"
Event 88/11/	# = 9983 11,05:10	1	8	SMM Pointing:	N11W51		Pitch=-150", Yaw	, Yaw=-738", Roll=Odeg	1=0deg	H.Ang≖51deg
GOES HXRBS BCS FCS UVSP	04:58 04:55:44 04:58 05:06	Peak 05:10 : 04:56:13 05:10	05:27	Importance=C4 Qual=01 Peakc/s=74 Qual=01 CaPeak.c/s=84 Qual= 1 Wavelength=1375A Code=00	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=516 FePeak=05:10 Exp #=77253	MaxkeV=73 FePeak.c/s=19 Rast=240"x240" Rast=10"x10"	Flags=I #Peaks=1 Step=15" Step=0"	dt= 3.8s XI Cad= 262s 1 Pitch=-217",	XEN=831600 1.024s/pixel ",Yaw=-681"

Event # 88/11/1	f = 10072 1,06:34	D0Y=316		SMM Pointing:	N11W52		Pitch=-151", Yaw	, Yaw=-748", Rol	, Roll=Odeg	H.Ang=52deg
GOES HXRBS UVSP	Start 06:22 S 06:21:14 06:11	Peak 06:34 06:33:22	End times 07:29 06:37:17	Importance=C6 Peakc/s=60 Wavelength=2788A	Qua]=03 Qua]=01 Code=00	Tot Cts=3493 Exp #=77257	MaxkeV=73 Rast=243"x243"	Flags=I Step=3"	Pitch=-144", Yaw=-741	", Yaw=-741"
Event # 88/11/1	L	DOY=316	+	SMM Pointing:	N11W53		Pitch=-152", Yaw	, Yaw=-758", Rol	, Roll=Odeg	H. Ang=53deg
GOES HXRBS UVSP	3.47. 08:26 5 08:27:46 08:32	reak 08:31 08:28:18	End Cimes 08:55 08:28:54	Importance=C3 Peakc/s=58 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=407 Exp #=77259	MaxkeV=73 Rast=180"x1"	Flags=I Step=0"	Pitch=-18"	, Yaw=-582"
Event # 88/11/1 GOES BCS FCS	Event # = 21988 88/11/11,09:47 Start GOES 09:41 BCS 09:48 FCS 10:07	DOY=316 Peak 09:47 09:49	End times 10:10 09:52	Importance=C2 CaPeak.c/s=21	Qua]=04 Qua]= 4	FePeak=09:50	FePeak,c/s=14 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=831602 1.024s/pixel
Fvent	- 21989						10 OOI 3 CBU	2	61	060
88/11/11, St Optical		Pe 20	End times	HaClass=1N	N13W53	AR5218	Mac.=EKO	Carr, Lon, =104dea	=104dea	H. Ana=53dea
GOES BCS	15:13 15:30	15:31 15:32	16:15 16:24	Importance=C5 CaPeak.c/s=207	Qual=04 Qual= 5	FePeak=15:32	FePeak.c/s=35		dt= 3.8s	XEN=831603
FCS UVSP	15:22			Wavelength=2788A	Code=00	Exp #=77268	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=-22"	1.024s/pixel ,Yaw=-617"
Event # 88/11/1	Event # = 9765 88/11/11,17:14 Start	DOY=316 Peak	End times	SMM Pointing:	N33E47		Pitch=-498", Yaw	, Yaw=+592", Rol	, Roll=Odeg	H.Ang=53deg
Optical	17:09	17.14	<u>«</u>	HaClass=SF	N10W54	AR5218	Mac.=EKO	Carr.Lon.=104deg	=104deg	H.Ang=54deg
HXRBS	17:09:20 16:57	17:09:52	17:10:26	Peakc/s=60 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=381 Exp #=77270	MaxkeV=73 Rast=180"x1"	Step=0"	Pitch=-362"	", Yaw=+778"
Event # 88/11/1	Event # = 9766 88/11/11,20:47 Start	DOY=316	Fnd times	SMM Pointing:	N33E46		Pitch=-496", Yaw	, Yaw=+582", Rol	, Roll=0deg	H.Ang=52deg
Optical GOES	0		21:15	HaClass=SF Importance=C3	N13W57 Qual=03	AR5218	Mac.=EKO	Carr.Lon.=105deg	=105deg	H.Ang=57deg
8CS 277	20:27	20:46	20:49		Qual=3	FePeak=20:45	Maxkey=/3 FePeak.C/s=9 Dact=0"v0"	#Peaks=1	dt= 3.8s X	XEN=831604
UVSP	20:44			Wavelength=1375A	Code=00	Exp #=77282	Rast=10"x10"	Step=0"	Pitch=-486	", Yaw=+615"
Event # 88/11/1	: # = 21990 [/11,21:51 Start	DOY=316	Fnd times							
GOES BCS	21:47		-	CaPeak.c/s=20	Qua]=00 Qua]= 4	FePeak=21:47	FePeak, c/s=6	#Peaks=1	dt= 7.7s	XEN=831605
UVSP	21:48			Wavelength=1375A		Exp #=77283	Kast=U"xU" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=-488",	1.024s/p1xel ",Yaw=+581"

Event # = 9 88/11/11,21	= 9767 ,21:57 DC	D0Y=316	End +imes	SMM Pointing:	N33E45		Pitch=-496", Yaw	, Yaw=+572", Rol	, Roll=Odeg	H.Ang=51deg
Optical		. F. 7	22.10		N11W58	AR5218	Mac.=EKO	Carr.Lon.=106deg	=106deg	H.Ang=58deg
HXRBS 21:5 UVSP 21:5	:52:03 21 :52:03 21	21:55:01	21:56:48	Peakc/s=71 Wavelength=1375A		Tot Cts=1569 Exp #=77286	MaxkeV=73 Rast=10"x10"	Step=0"	Pitch=-491"	", Yaw=+549"
					88/11/12	2 D0Y=317	THE PARTY AND A PA			
Event # = 219 88/11/12,11:0 Start	52	0Y=317	Fnd times							
GOES 11:0 BCS 11:0		11:05	11:21 11:08	Importance=C1 CaPeak.c/s=24	Qual=03 Qual= 4	FePeak=11:04	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=831700
Ξ	:07			₩avelength=2788A	Code=02	Exp #=77373	Rast=U"XU" Rast=180"X1"	Step=0" Step=0"	cad=1.02s 1 Pitch=-357",	1.024s/plxel ",Yaw=+423"
Event # = 10083 88/11/12,11:55	I	D0Y=317	4 to 2	SMM Pointing:	N33E37		Pitch=-491", Yaw	, Yaw=+489", Rol	, Roll=Odeg	H.Ang=46deg
Optical		ש מא מי מי		HaClass=SF	N34E43	AR5229	Mac.=FAI	Carr.Lon.=357deg	=357deg	H.Ang=51deg
HXRBS 11:5 BCS 11:5	52:43 11:50 11:	11:53:50 11:55	11:56:05 12:34	Importance=c/ Peakc/s=567 CaPeak.c/s=637	Qual=01 Qual=101 Qual= 1	Tot Cts=19400 FePeak=11:55	MaxkeV=134 FePeak.c/s=111	Flags=I #Peaks=2	dt= 3.8s	XEN=831701
= '	1	1	1	length=278	Code=01	Exp #=77374 Event # = 10082	Rast=240"x240" Rast=180"x1"	Step=15 Step=0"	Ξ.	1.024s/p1xe! ",Yaw=+420" 
11	:49:16 11	:50:07	11:51:13	Peakc/s=142	Qual=01	Tot Cts=397	MaxkeV=73	S= I		
Event # = 9 88/11/12,12	∞	DOY=317	6	SMM Pointing:	N33E37		Pitch=-491", Yaw	, Yaw=+489", Roll=Odeg	]=0deg	H.Ang=46deg
GOES 12:41 HXRBS 12:44: BCS 12:44	25	12:51 12:44:58 12:45	13:22 13:22 12:45: 12:46	Importance=C2 Peakc/s=67 CaPeak.c/s=30	Qual=02 Qual=03 Qual= 2	Tot Cts=652 FePeak=12:45	MaxkeV=73 FePeak.c/s=8	Flags=EN #Peaks=1	dt= 7.7s	XEN=831702
12:	41			Wavelength=2788A	Code=01	Exp #=77375	Kast=240"x240" Rast=180"x1"	Step=10" Step=0"	_	1.024s/p1xel ",Yaw=+414"
Event # = 9 88/11/12,13	ł	)Y=317		SMM Pointing:	N33E37		Pitch=-491", Yaw=+489", Roll=Odeg	=+489", Rol	]=0deg	H.Ang=46deg
GOES 13:2 HXRBS 13:2 UVSP 13:1	13:22 13:21 13:21:59 13:16	13:26 13:22:06	13:24:1	Importance=C2 Peakc/s=53 Wavelength=2788A	Qual=04 Qual=02 Code=00	Tot Cts=303 Exp #=77376	MaxkeV=73 Rast=180"x1"	Flags=SN Step=0"	Pitch=-357"	', Yaw=+410"
t # = 1/12, St	200	D0Y=317 Peak	End times	Ha.	N13W67	AR5218	Mac.=EK0	Carr.Lon.=106deq	=106deq	H.Ang=67deg
GOES 13:33 BCS 13:33	7	3:39 3:37	13:44 14:11	Importance=Cl CaPeak.c/s=28	Qua]=03 Qua]= 5	FePeak=13:37	FePeak.c/s=9	#Peaks=1	dt= 7.7s X Cad=1 02c 1	XEN=831703
13:	16			Wavelength=2788A		Exp #=77376	Rast=180"x1"	Step=0"	Pitch=-357	', Yaw=+410"

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Event # 88/11/12	Event # = 21993 88/11/12,16:15 Start	00Y=317 Peak	End times							
g	9	. 9	6.45	HaClass=2B	N35E44	AR5229	Mac.=FAI	Carr.Lon.=354deg	=354deg	H.Ang=52deg
SSS	16:31	16:33	17:27		Qual= 5	FePeak=16:33	FePeak.c/s=23	#Peaks=1	dt= 3.8s	XEN=831704
	16:24			Wavelength≖2788A	Code=02	Exp #=77380	Rast=180"x1"	Step=10 Step=0"	Pitch=-357",	.uc4s/plx Yaw=+391"
vent # 8/11/12	Event # = 9771 88/11/12,19:48	D0Y=317		SMM Pointing:	N33E33		Pitch=-491", Yaw	, Yaw=+448", Rol	, Roll=Odeg	H.Ang=43deg
ptical	סומור	P :			N12W20	AR5218	Mac.≠EKO	Carr.Lon.=56deg	=56deg	H.Ang=22deg
GOES HXRBS BCS BCS	19:39 19:44:22 19:46	19:48 19:44:48 19:47	19:53 19:48:24 19:50	Importance=C7 Peakc/s=251 CaPeak.c/s=29	Qual=01 Qual=01 Qual= 1	Tot Cts=8144 FePeak=19:46	MaxkeV=197 FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=831705
VSP ad io	19:45 Frequen	cy (MHz) /F	:lux(sfu):	Wavelength=1375A 1415/100 4995/53	Code=00 8800/63	Exp #=77392		Step=0"	cau=1.0cs Pitch=-512	1.0245/ plxel ", Yaw=+517"
HXRBS UVSP	19:39:23 19:41	19:40:56	19:39:23 19:40:56 19:42:01 19:41	Peakc/s=74 Wavelength=1375	Associated Qual=01 A	Event # = 9770 Tot Cts=1286 Exp #=77389	MaxkeV=73 Rast=265"x265"	 Step=5"	 Pitch=-484"	", Yaw=+454"
Event # 88/11/1	t # = 9772 1/12,21:18	D0Y=317		SMM Pointing:	N33E33		Pitch=-491", Yaw	, Yaw=+438", Rol	, Roll=Odeg	H.Ang=43deg
ptical	start S. 16		E E		N34E39		Mac.=FAI	Carr.Lon.=356deg	=356deg	H.Ang=48deg
GOES HXRBS BCS	21:16 21:15:02 21:16	21:18 21:16:13 21:17	21:50 21:18:29 21:38	Importance=Cb Peakc/s=1078 CaPeak.c/s=340	Qual=01 Qual=01 Qual= 1	Tot Cts=21944 FePeak=21:17	MaxkeV=166 FePeak.c/s=94		FS dt= 3.8s	XEN=831706
SS G	21:16			Wavelength≖137	Code=00	Exp #=77399	Rast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s 1 Pitch=-484",	1.024s/plxel ",Yaw=+444"
HXRBS UVSP	21:21 21:18	21	:23	 Peakc/s=89 Wavelength=1379	Ssociated Qual=01	Event # = 9// Tot Cts=377 Exp #=77402	0	eb=0"	 Pitch=-51	 , Yaw=+50
HXRBS	21:24:34 21:18	21:25:20 21:	26:20	Peakc/s=81 Wavelength=1375A	sociated Qual=01	Event # = 9//4 Tot Cts=1456 Exp #=77402	MaxkeV=73 Rast=10"x10"	 Step=0"	 Pitch=-512"	", Yaw=+502"
Event # 88/11/12 S GOES 2 BCS 2	# = 21994 12,21:55 Start 21:50 21:53	DOY=317 Peak 21:55 21:53	End times 22:16 21:54	Importance=C1 CaPeak.c/s=19	Qua]=02 Qua]= 2	FePeak=21:53	FePeak. C/s=7	#Peaks=1	dt= 7.7s X	XEN=831707
	21:46			Wavelength=1375A	Code=00	Exp #=77408	Rast=10"x10"	Step=0	cau=30403 Pitch=-512	", Yaw=+504"
vent # 8/11/1	Event # = 21995 88/11/12,22:51 Start	D0Y=317 Peak	End times	7)=35c[7] eH	N3AFA1	405220	X	253der	=353dea	H Angadon
805 805 805 805 805 805 805 805 805 805	22:23 22:46	22:51 22:48	23:16 23:39	aPe	Qual=04 Qual= 5	FePeak=22:48	FePeak.c/s=16		dt= 3.8s X	XEN=831708
UVSP Radio S	22:51 Sweeps	Type/1	Type/Intensity:	Wavelength=1375A III/3	Code=02	Exp #=77409	Rast=265"x265"	Step=10	pitch=-483	1. Yaw=+434"
										***************************************

	שנים המאר	End times	,			r i ccii==491", 18	, raw=+428", Rol	, Roll=Odeg	H.Ang=42deg
23:06:56	6 23:07:08	8 23:07:13	Peakc/s=67 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=159 Exp #=77410	MaxkeV=73 Rast=110"x200"	Step=5"	Pitch=-516	Pitch=-516",Yaw=+406"
Event # = 21996 88/11/12,23:41 Start GOES	) D0Y=317 Peak	End times		00-1					
23:41	23:41	23:42	CaPeak.c/s=18	Qual=00 Qual= 5	FePeak=23:41	FePeak.c/s=6		dt= 7.7s	XEN=831709
23:32		ļ	Wavelength=1375A		Exp #=77414	Kast=240"x240" Rast=110"x200"	Step=10" Step=5"	Cad= 590s 1 Pitch=-506",	1.024s/pixel ", Yaw=+402"
# = 21997				88/11/1	3 D0Y=318				
88/11/13,01:45 Start	DOY=318 Peak	End times							
Optical Optical GOES 01:14	01:45	08	HaClass=SF HaClass=SF Importance=C6	N33E37 N12W75 Oual=05	AR5229 AR5218	Mac.=FAI	Carr.Lon.=355deg Carr.Lon.=107deg	=355deg =107deg	H.Ang=46deg H.Ang=75deg
01:54	01:55	05:50	k.c/s=121	(ual= 5	FePeak=01:55	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XFN=R31800
01:58			Wavelength=1375A		Exp #=77421	Rast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s 1 Pitch=-483",	1.024s/pixel ', Yaw=+414"
Event # = 9//6 88/11/13,05:39 Start	D0Y=318 Peak	End times	SMM Pointing:	N33E28		Pitch=-489", Yaw:	, Yaw=+378", Roll	, Roll=0deg	H.Ang=40deg
5:23	05:39		HaClass=1N	N33E37	AR5229	Mac.=FAI	Carr.Lon.=353deg	:353deg	H.Ang=46deg
05:22:21 05:36:00	05:36:22	05:57:23	∞	Qual=13	Tot Cts=6.61E+5	5 MaxkeV=619	Flags=M5, EN, DG		•
05:02	05:38		CaPeak.c/s=4461 (	Qual= 1	FePeak=05:37	FePeak.c/s=1558		7.75	Dur=60sec XFN=831801
UVSP 05:29 Radio Sweeps	5:29 Type/Intensity		Wavelength=1375A Code=00	Code=00	Exp #=77443	Rast=240"x240" Rast=110"x200"	Step=10" Step=5"	Cad= 590s I Pitch=-525",	1.024s/pixel ", Yaw=+363"
rrequenc	y (MHZ)/F		245/74 410/200 606	5/98 2695	2695/390 8800/890	15400/27			
Event # = 21998 88/11/13,06:37 Start	DOY=318 Peak	End times							
06:35	06:37	07:14 (	.aPeak.c/s=102 (	Qual=00 Qual= 5	FePeak≃06:38			dt= 3.8c	XFN=831802
06:41		<u>. *</u>	Wavelength=2788A		Exp #=77446	Rast=240"x240" Rast=243"x243"	Step=10" ( Step=3" F	Cad= 590s 1 Pitch=-482",	1.024s/pixel ",Yaw=+383"
= 9777 3,07:18 start	D0Y=318 Peak	S End times		N33E27		Pitch=-489", Yaw=+368"	+368", Roll=Odeg		H.Ang=39deg
GOES 07:14 (	07:18 07:48		HaClass=SF N Importance=C4 0	N19E84 Qual=03	AR5240	_	Carr.Lon.=305deg		H.Ang≖83deg
6:41 Frequenc	V/ :14:54 V(MH2)/F]		Peakc/s=1115 () Wavelength=2788A C		Tot Cts=26819 Exp #=77446	MaxkeV=266 Rast=243"x243"	Sten=3" P	Pitch=-482"	Yaw=+383"

88/11/13 08:12	D0Y = 318		SMM Pointing:	N33E27	α.	Pitch=-489", Yaw=+368", Roll=Udeg	=+368", Roll=		M.Ang≖s9uey
Start 08:08 08:10: 08:01 Sweeps	Peak End 08:12 08: 08:10:51 08: Type/Inten	End times 08:31 08:11:26 ltensity:	oortance=C2 akc/s=51 /elength=2788A I/3	Qual=03 Qual=01 Code=00	Tot Cts=257 M Exp #=77447 R	MaxkeV=74 Rast=180"x1"	Step=0" P	Pitch=-355",	, Yaw=+291"
Event # = 9779 88/11/13,12:09	DOY=318	End times	SMM Pointing:	N33E24		- 88	, Yaw=+338", Roll=Odeg		H.Ang=38deg
Optical GOES 12:08 HXRBS 12:08:38 UVSP 12:09		12:20 12:09:28	HaClass=SF Importance=C1 Peakc/s=115 Wavelength=2788A	N11W47 Qual=01 Qual=01 Code=02	AR5234 M Tot Cts=836 M Exp #=77452 R	Mac.=AXX MaxkeV=104 Rast=180"x1"	Step=0" P	=-354"	, Yaw=+263"
	) DOY=318 Peak	End times	HaClass=SF	S22W22	AR5227	Mac.=DAO	Carr.Lon.=48deg	18deg	H.Ang≕33deg
00ES 12:42 3CS 13:36	13:18 13:37	13:50 13:44	Importance=C9 CaPeak.c/s=25	Qual=05 Qual= 5	FePeak=13:36	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 d Step=0" (	dt= 7.7s Cad=1.02s	XEN=831803 1.024s/pixel
FCS UVSP 13:43 Radio Freque	3:43 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 245/55 2695/66 4995/5	995/53	Exp #=77454	Rast=180"x1"	İ	Pitch=-354"	, Yaw=+253"
Event # = 9780 88/11/13,13:42	D0Y=318	1 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	SMM Pointing:	N33E24		Pitch=-488", Yaw=+327", Roll=Odeg	ı=+327", Roll∶	#0deg	H.Ang=37deg
Start GOES HXRBS 13:42:40 UVSP 13:43	_	13:4	Peakc/s=55 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=231 Exp #=77454	MaxkeV=74 Rast=180"x1"	Step=0"	Pitch=-354",Yaw=+253	', Yaw=+253"
Event # = 9781			SMM Pointing:	N33E23		Pitch=-489", Yaw=+317", Roll=Odeg	v=+317", Roll	=0deg	H.Ang=37deg
Start	Peak	ш		N21E80	AR5240		Carr.Lon.=305deg	305deg	H.Ang≈80deg
GOES 15:13 HXRBS 15:17:5 UVSP 15:50	15:38 1 15:18:1	16:00 5 15:18:49	Importance=C5 Peakc/s=62 Wavelength=2788A	Qual=02 Qual=01	Tot Cts=196 Exp #=77457	MaxkeV=74 Rast=180"x1"	Flags=M5 Step=0"	Pitch=-355"	", Yaw=+239"
Event # = 9782	2		SMM Pointing:	N33E22		Pitch=-489", Yaw	, Yaw=+307", Roll	, Roll=Odeg	H.Ang≈36deg
Oo/11/13/15:30 Start Onfical	Peak	ш	HaClass=1B	N31E24	AR5229	Mac.=FAI	Carr.Lon.=Odeg	-0deg	H.Ang=36deg
GOES 16:07 HXRBS 16:12:4 UVSP 16:50	16:35 46 16:13:03	17:10 )3 16:13:20	ထထ	Qual=02 Qual=01		MaxkeV=104 Rast=180"x1"	Step=0"	Pitch=-355"	", Yaw=+232"
BCS 16:19	16:51	16:54		Associated Qual= 7		FePeak.c/ Rast=0"x0	saks=1 sp=0"	dt= 3.8s Cad=1.02s	XEN=831804 1.024s/pixel
FCS 17:32	17:33	18:28	CaPeak.c/s=47	Associated Qual= 5	Event # = 22001 FePeak=17:34	FePeak.c/s=7 Rast=240"x240"	#Peaks=1 Step=10"	ౣౣ౸౸	EN=8318 .024s/p
FCS UVSP 17:24			Wavelength=2788A	Ø	Exp #=77459	Rast=180"x1"	Step=0"	Pitch=-355	", Yaw=+228

[1.1] [1.2]

	88/11/13,21:13	D0Y=318		SMM Pointing:	N33E22		Pitch=-492", Yaw	, Yaw=+308", Roll=0deg	=0deg	H.Ang=37deg
Ontica	Start	Peak	End times	HaClass=1B		AR5229	Mac.=FAI	Carr, Lon, =355dea	:355dea	H. Ana=40dea
GOES HXRBS BCS BCS	20:57 20:56:07 20:40	21:13 21:05:08 21:10	22:13 21:18:57 21:18	Importance=M4 Peakc/s=521 CaPeak.c/s=2547		Tot Cts=1.89E+5 FePeak=21:08		Flags=M5, I #Peaks=3	S dt= 7.7s	XEN=831806
FCS UVSP Radio	20:44 Frequenc	0:44 Frequency(MHz)/Flux(	-lux(sfu):	Wavelength=2788A Code=00 245/160 410/260 606/79	\ Code=00 606/79	Exp #=77462	Kast=180"x300" Rast=243"x243"	Step=10" Step=3"	cad= 5538 Pitch=-482"	1.024s/p1xe! ',Yaw=+322"
144	# = 22002 /13,22:15 Start	D0Y=318 Peak	End times		00					
BCS FCS		22:15	22:55	CaPeak.c/s=107	Qual=00 Qual= 5	2	FePeak.c/s=9 Rast=240"x300"	#Peaks=1 Step=15"	dt= 3.8s Xi Cad= 328s 1	XEN=831807 1.024s/pixel
UVSF	01:77			wavelengtn=13/0A	_	EXp #=//403	KdS L=200 X200	c=daic	או נכוו≃−+07	, rdw=+511
Event 88/11/	t # = 9784 1/13,22:47 Start	DOY=318	Fnd times	SMM Pointing:	N33E21		Pitch=-489", Yaw	, Yaw≖+298", Roll=0deg	=0deg	H.Ang=36deg
GOES HXRBS UVSP	22:46:31 22:46		22:4	Peakc/s=65 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=831 Exp #=77472	MaxkeV=74 Rast=10"x10"	Step=0"	Pitch=-470"	, Yaw=+251"
Event 88/11/	Event # = 9785 88/11/13,23:11	DOY=318	-	SMM Pointing:	N33E21		Pitch=-489", Yaw	, Yaw=+298", Roll	,Roll=Odeg	H.Ang≈36deg
Optical	Start 1		tnd times	HaClass=1N	\$23W27	AR5227	Mac.=DAO	Carr.Lon.=48deg	.48deg	H.Ang≈37deg
GOES HXRBS	22:54 22:50:20	23:11 23:08:00	00:10 23:09:23	Importance=M3 Peakc/s=3283	Qua!=03 Qua!=03	Tot Cts=5.73E+5 MaxkeV=415	MaxkeV=415	Flags=M5,EN	S	
	56	;	00:60	Wavelength=1375A	Code=00	Exp #=77475	Rast=10"x10"	Step=0"	Dur=240sec Pitch=-465", Yaw=+249"	Jur=240sec ',Yaw=+249"
	Sweeps Frequenc	lype/Inten uency(MHz)/Flux(	sity: sfu):	245/390 410/1000	606/1000	1415/510 2695/700 4995/1400		8800/1900 1540	15400/1500	
					88/11/14	4 D0Y=319				
Event 88/11/	# = 9786 14.01:57	DOY=319	4	SMM Pointing:	N33E20		Pitch=-489", Yaw	, Yaw=+277", Roll	,Roll=Odeg	H.Ang=35deg
Optica	Start	reak	ı tımeş	HaClass=2N	N21E72	AR5240	Mac.=8X0	Carr.Lon.=307deg	307deg	H.Ang=72deg
GOES HXRBS UVSP Radio	01:45 01:49:55 01:53 Sweeps	U1:5/ 01:51:23 Type/I	UZ:30 02:01:33 ntensity:	Importance=mz Peakc/s=207 Wavelength=1375A (	Jual=01 Jual=11 Code=00	Tot Cts=18953 Exp #=77498	MaxkeV=136 Rast=10"x10"	Flags=DG Step=O"	Pitch=-465"	, Yaw≖+224"
HXRBS UVSP	01:45:25 01:39	01	:46:38	Peakc/s=59 Wavelength=1375A	sociated Qual=01	Event # = 9787   Tot Cts=331   Exp #=77495	MaxkeV=74 Rast=10"x10"	Step=0"	Pitch=-470"	, Yaw=+226"
HXRBS UVSP	02:1	02:10	. e:	kc/s=69 elength=137	Ssociated Qual=01	Event # = 9/00 Tot Cts=290 Exp #=77501	MaxkeV=74 Rast=10"x	, <u>"</u>	 :ch=-47	, Yaw=+222"
HXRBS UVSP	02:16:01 02:06	02:16	:15 02:16:35	Peakc/s=51 Wavelength=1375A	ssociated Qual=01	Event # = 9/89 Tot Cts=216 Exp #=77501	MaxkeV=74 Rast=10"x10"		Pitch=-470"	 ,Yaw=+22

Event # = 9790 88/11/14,03:49 DOY=319	.,	SMM Pointing:	N33E19		Pitch=-490", Yaw	, Yaw=+266", Rol	, Roll=Odeg	H.Ang=35deg
3.47 Peak	cnu times	HaClass=SF	N33E16	AR5229	Mac.=FKI	Carr.Lon.=2deg	=2deg	H.Ang=34deg
GOES 03:42 03:49 03 HXRBS 03:43:46 03:44:09 03 BCS 03:48 03:50 03	3:44:27 3:51	<pre>Importance=cs Peakc/s=71 CaPeak.c/s=45</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=510 FePeak=03:49	MaxkeV=74 FePeak.c/s=10		dt= 7.7s	XEN=831900
.s SP 03:41		Wavelength=1375A	Code=00	Exp #=77514	Kast=U.xU. Rast=10"x10"	Step=0" Step=0"	cad=1.02s 1 Pitch=-469",	1.024s/pixel ",Yaw=+211"
Event # = 9791 88/11/14,04:16 D0Y=319 Start Boak Er	samit bu	SMM Pointing:	N33E18		Pitch=-486", Yaw	, Yaw=+255", Rol	, Roll=Odeg	H.Ang=34deg
GOES 04:09 04:16 05:10 HXRBS 04:37:41 04:38:11 04:38:31 UVSP 04:31 Radio Frequency(MHz)/Flux(sfu):	5:10 4:38:31 ×(sfu):	Importance=M1 Peakc/s=52 Wavelength=1379 15400/74	Qual=05 Qual=01	Tot	MaxkeV=74 Rast=265"x265"	Step=5"	Pitch=-481", Yaw=+268	, Yaw=+268"
HXRBS 04:40:18 04:40:40 04	4:40:47		Associated Qual=01 5A	Event # = 9792 Tot Cts=148 Exp #=77518	MaxkeV=74 Rast=10"x10"		Pitch=-514"	', Yaw=+315"
Event # = 9793 88/11/14,05:07 DOY=319 Start Deak Er	to the state of th	SMM Pointing:	N33E18	-	Pitch=-486", Yaw	, Yaw=+255", Rol	, Roll=Odeg	H.Ang=34deg
7 05:07:16	, ຕ	Peakc/s=67 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=447 Exp #=77524	MaxkeV=74 Rast=10"x10"	Step=0"	Pitch=-514",Yaw=+312	, Yaw=+312"
<pre>Sent # = 9794 S8/11/14,06:51 DOY=319 C+art Deak Er</pre>	End + impo	SMM Pointing:	N33E17		Pitch=-488", Yaw	, Yaw=+244", Rol	, Roll=Odeg	H.Ang=34deg
06:27 06:51	ני פורי פורי	HaClass=SF	\$23W33	AR5227	Mac.=DAO	Carr.Lon.=49deg	=49deg	H.Ang=41deg
HXRBS 06:28:23 06:28:44 06 BCS 06:29 06:29 06	06:29:10 06:36	Peakc/s=95 CaPeak.c/s=27	Qual=01 Qual= 1	Tot Cts=1233 FePeak=06:30	MaxkeV=74 FePeak.c/s=16	#Peaks=1	dt= 7.7s	XEN=831901
SP 06:48 io Sweeps Type/Inten	ensity:	Wavelength=1375A III/1	Code=00	Exp #=77540	Kast=U"XU" Rast=10"X10"	Step=0" Step=0"	cad=1.02s Pitch=-509"	Cad=1.02s 1.024s/plxel Pitch=-509",Yaw=+289"
DOY=319	- t	SMM Pointing:	N33E17		Pitch=-488", Yaw	, Yaw=+232", Roll=0deg	l=0deg	H.Ang=34deg
GOES 07:40 07:56 08:9 HXRBS 07:42:36 07:51:45 08:0 UVSP 07:55 Radio Frequency(MHz)/Flux(s	52 33:07 3fu):	Importance=M1 Peakc/s=308 Wavelength=1375A 8800/28 15400/23	Qual=03 Qual=01 Code=02	Tot Cts=68334 Exp #=77547	MaxkeV=104 Rast=10"x10"	Flags=M5 Step=0"	Pitch=-504", Yaw=+281	, Yaw=+281"
1/14,09:51 DOY=319 Start Peak 09:38 09:51	End times 10:18	Importance=C3	Qua]=03					
09:13	4 4 4 4	careak.c/s=z8 Wavelength=1375A		Fereak=U9:4Z Exp #=77557	rereak.c/s=12 Rast=0"x0" Rast=10"x10"	*Peaks=1 Step=0" Step=0"	<pre>gt= /./s X Cad=1.02s 1 Pitch=+272",</pre>	XEN=831902 1.024s/pixel ",Yaw=+508"

		S	1	00-1610			, m, t, t, t, t, t, t, t, t, t, t, t, t, t,	fano-Liou'	n.Ang=33aeg
			Peakc/s=54	Oua   =05		Massissian			
88/11/14, 12:07 D0Y=: Optical Optical GOES 12:00 12:07 EVENT # = 9798 88/11/14, 14:47 Optical Optical Optical HXRS 14:37:08 14:47 Start Peak			Wavelength=2788A		Exp #=77564	Rast=180"x1"	Step=0"	Pitch=-353"	", Yaw=+142"
	319 End	d times	;	!					
		12:21		N22E68 S23¥35 Oual=05	AR5240 AR5227	Mac.=DAO	Carr.Lon.=305deg Carr.Lon.=48deg	=305deg =48deg	H.Ang=69deg H.Ang=43deg
			CaPeak.c/s=25	Qual= 4	FePeak=12:18	FePeak, c/s=8	#Peaks=1	dt= 7.7s	XEN=831903
		_	Wavelength=2788A	Code=02	Exp #=77566	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-353",	1.024s/pixel ", Yaw=+130"
		Fud times	SMM Pointing:	N33E13		Pitch=-487", Yaw	, Yaw=+188", Rol	, Roll=Odeg	H.Ang=32deg
4:37:08		•		N11E11 S23W38	AR5229 AR5227	Mac.=FKI	Carr.Lon.=1deg Carr.Lon.=50deg		H.Ang=14deg H.Ang=45deg
10:01	7:48 14: 14:	14:47:18 F	Peakc/s=272 CaPeak.c/s=1093	Qual=04 Qual= 3	Tot Cts=56774 FePeak=14:44	MaxkeV=199 FePeak.c/s=188	Flags=M5,   #Peaks=1	75	XEN=831004
UVSP 14:43 Radio Frequency(MHz)/Flux(sfu):	)/F1ux(:		Wavelength=2788A Code=00 606/200 4995/100 8800/270	Code=00 8800/270	Exp #=77569	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	332s 353'	1.024s/pixel ',Yaw=+112"
HXRBS 13:59:55 14:00 UVSP 13:44	14:00:07 14:00:31	ľ	Peakc/s=62 Wavelength=2788A	Associated Qual=01	Event # = 9796 Tot Cts=188 Exp #=77568	MaxkeV=74 Rast=180"x1"	Step=0"	Pitch=-353"	. Yaw=+119"
Event # = 22005 88/11/14,15:25 DOY=319 Start Peak		End times					-		
GOES BCS 15:25 15:25 FC			( CaPeak.c/s=56	Qua]=00 Qua]= 5	FePeak=15:25	FePeak.c/s=7		dt= 3.8c	XEN=831905
SP 15:17		3	Wavelength=2788A		Exp #=77570	Rast=240"x300" Rast=180"x1"	Step=15" Step=0"	Cad= 328s 1 Pitch=-354",	1.024s/pixel ',Yaw=+108"
Event # = 9799 88/11/14,16:50 DOY=319 Start Peak	End	times	SMM Pointing: A	N33E13		Pitch=-489", Yaw=	, Yaw=+177", Roll=0deg		H. Ang=32deg
16:41 16:50			HaClass=1N N Importance=M3 C	N32E10 Oual=05	AR5229	Mac.=FKI	Carr.Lon.=1deg		H.Ang=31deg
HXRBS 16:57:22 16:57: BCS 16:58 16:59 FCS	29	16:59:44 Pe 17:55 Ca	20	Qual=01 0	Tot Cts=998 FePeak=16:59	MaxkeV=74 FePeak.c/s=130	#Peaks=1	t= 3.8s	XEN=831906
UVSP 16:51 Radio Frequency(MHz)/Flux(sfu):	/Flux(s		Wavelength=2788A Code=02 410/150 606/400 1415/180		Exp #=77572	Rast=240"x300" Rast=180"x1"	Step=15" ( Step=0" P	Cad= 328s Pitch=-354"	1.024s/pixel ", Yaw=+96"
1 1	07 17:0	' '	c/s=62		Event # = 9800 Tot Cts=431	4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! !	
HXRBS 17:12:40 17:13:06 17:13:26	06 17:1		/s=72	Qual=01 1		MaxkeV=74	1 1 1	1 1 1	1 1 1 1 1 1 1 1

											1
Event # 88/11/1	= 9803 4, 18:34	D0Y=319		SMM Pointing:	N33E11	:	Pitch=-489", Yaw=	, Yaw=+154", Roll=Odeg		H.Ang=32deg	
`	Start	Peak	End times	HaClass=SF	S21440	AR5227	Mac.=DA0	Carr.Lon.=50deg		H.Ang=46deg	
GOES HXRBS BCS	18:34:47 18:32	18:35:03 18:34	18:35:27 18:57	Peakc/s=71 CaPeak.c/s=23	Qual=01 Qual= 5	Tot Cts=351 FePeak=18:34	MaxkeV=74 FePeak.c/s=6 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=3840s	XEN=831907 3840s/pixel	
FCS UVSP	18:36	1	1 1	Wavelength=2788		4 9802	Rast=243"x243"	'	Pitch=-481" 	,Yaw=+166"	
BS	18:	18:33:58	18:34:05	Peakc/s=62	Qual=01	Tot Cts=84	MaxkeV=74				ı
Event 4 88/11/7	# = 22006 14,23:33	D0Y=319	Fnd + imps								
GOES BCS FCS UVSP	23:29 23:33	23:43 23:43	23:53 23:52	Importance=Cl CaPeak.c/s=21	Qual=01 Qual= 4	FePeak=23:38	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s Pitch=-511"	XEN=831908 1.024s/pixel ',Yaw=+151"	ı
					88/11/15	D0Y=320					1
Event #88/11/7	# = 9804 $15,00:03$	1		SMM Pointing:	N33E08		Pitch=-487",Yaw=+120",Roll=Odeg	-+120", Roll	l≖0deg	H.Ang≕31deg	
GOES HXRBS RCS	Start 23:53 23:55:33 23:55:33	Peak 00:03 23:55:51 23:56	End times 00:15 23:56:20 23:58	Importance=C2 Peakc/s=86 CaPeak.c/s=18	Qual=03 Qual=01 Qual= 5	Tot Cts=438 FePeak=23:57	MaxkeV=74 FePeak.c/s=6		dt= 7.7s X	XEN=831909 1 024s/nixel	
LVSP UVSP	00:00			Wavelength=1375A	Code=00	Exp #=77610	Rast=0 x0 Rast=10"x10"	Step=0"	Pitch=-509	', Yaw=+150"	1
Event 88/11/	t # = 9805 1/15,02:52	D0Y=320		SMM Pointing:	N33E07		Pitch=-488", Yaw	, Yaw=+96", Roll=0deg	=0deg	H.Ang≕31deg	
Optica	Start		mes		N82E05	AR5229	Mac.=FKI	Carr.Lon.=Odeg	=0deg	H.Ang=79deg	
GOES HXRBS BCS	02:38 02:44:02 02:43	02:52 : 02:49:26 02:51	03:40 02:53:03 03:18	Importance=C4 Peakc/s=65 CaPeak.c/s=206	Qual=03 Qual=01 Qual= 1	Tot Cts=2962 FePeak=02:50	MaxkeV=74 FePeak.c/s=39 Dast=180"x180"	#Peaks=1 Step=10"	dt= 3.8s X  Cad= 332s 1	XEN=832001 1.024s/pixel	
FCS UVSP Radio	02:41 Sweeps	Type/I	pe/Intensity:	Wavelength=1375A ( III/1	Code=00	Exp #=77630	Rast=10"x10"	Step=0"	Pitch=-469	", Yaw=+70"	1
Event 88/11/	# = 9806 15,10:54	1		SMM Pointing:	N33E03		Pitch=-488", Yaw=+38", Roll=Odeg	=+38", Roll	=0deg	H.Ang=30deg	
GOES HXRBS BCS	Start 10:49 5 10:50:59 10:52	Peak 10:54 10:52:1 11:03	2 11:02:11 11:07	Importance=C2 Peakc/s=605 CaPeak.c/s=280	Qual=01 Qual=01 Qual= 1	Tot Cts=11942 FePeak=11:02	MaxkeV=200 FePeak.c/s=56 Dac+=240"x240"		FS dt= 7.7s X Cad= 590s 1	XEN=832002 1.024s/pixel	
FCS UVSP	11:01			Wavelength=2788A	. Code=02	Exp #=77679	Rast=180"x1"	Step=0"	Pitch=-353	", Yaw=-39"	1

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Event # = 22008 88/11/15,16:40 Start	= 22008 16:40 tart	D0Y=320 Peak	Fnd +imps							
Optical GOES 16	16:10	16:40		HaClass=SF Importance=C3	N35W01 Qua1=03		Mac.=FKI	Carr.Lon.=359deg	=359deg	H.Ang=32deg
	5:25	16:48	17:22	CaPeak.c/s=33	Qual= 2	FePeak=16:41	FePeak.c/s=7	#Peaks=1		XEN=832003
UVSP 17 Radio Swe Radio F	17:17 Sweeps Frequenc	7:17 Heeps Type/Intensity Frequency(MHz)/Flux(sfu)		Wavelength=2788A III/2 245/490		Exp #=77687	kast=U~xU~ Rast=180"x1"		Cad=1.02s Pitch=-355"	1.024s/pixel ",Yaw=-84"
t # 1/15 S	= 22009 ,18:15 tart	D0Y=320 Peak	End times							
BCS 18	18:15	18:15	18:18	CaPeak.c/s=19	Qual=06 Qual= 2	FePeak=18:16	FePeak.c/s=6		dt= 7.7s	XEN=832004
UVSP 17	17:51			Wavelength=2788A		Exp #=77688	Rast=180"x1"	Step=0"	Lad=1.02s Pitch=-355"	1.024s/p1xel ',Yaw=-89"
Event # = 22010 88/11/15,18:27 Start	= 22010 5,18:27 Start	D0Y=320 Peak	End times							
Optical GOES 18	18:18	18:27	18:53	HaClass=SF Importance=C2	N32W03 Oual=03	AR5229	Mac.=FKI	Carr.Lon.=360deg	=360deg	H.Ang=29deg
ECS 18	18:22	18:27	18:54	CaPeak.c/s=27	Qual= 5	FePeak=18:26	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=832005 1.024s/pixel
01 75	00.			wavelengtn=∠/88A		Exp #=//689	Rast=180"x1"		Pitch=-355"	, Үаw=-96"
Event # = 10294 88/11/15,19:50 Start	10294 19:50 art	D0Y=320 Peak	End times	SMM Pointing:	N33W02		Pitch=-490", Yaw	, Yaw=-31", Roll=Odeg	.0deg	H.Ang=30deg
Optical GOES 19	:47	19:50	19:52	HaClass=SF Importance=C2	N20E50 Oual=01	AR5240	Mac.=BX0	Carr.Lon.=306deg	306deg	H.Ang=52deg
HXRBS 19 UVSP 19 Radio Fr	19:47:21 19:39 Frequency	9:47:21 19:47:44 19:48:0 9:39 Frequency(MHz)/Flux(sfu)	٠٠ و	Peakc/s=166 Wavelength=1375A (245/170	Qual=01 Code=00	Tot Cts=1930 Exp #=77693	MaxkeV=136 Rast=10"x10"	Flags=I Step=0"	Pitch=-475",Yaw=-146"	, Yaw=-146"
		D0Y=320 Peak	End times							
Optical GOES 21:	21:01	21:06	21:10	HaClass=SF Importance=C3	N33W00 Qual=05	AR5229	Mac.=FKI	Carr.Lon.=355deg		H.Ang=30deg
ECS 21		21:07			Qual= 5	FePeak=21:07	FePeak.c/s=6	#Peaks=1	dt= 7.7s X	XEN=832006
UVSP 21:	:09			Wavelength=1375A	Code=02	Exp #=77700	Rast=265"x265"		pitch=-482"	1.0245/p1xe1
Event # = 10295 88/11/15,22:29 Start		D0Y=320 Peak	End times	SMM Pointing:	N33W04		Pitch=-490", Yaw	, Yaw=-55", Roll=0deg		H.Ang=30deg
Optical GOES 22:	:16	22:29			N36W01 Oual=05	AR5229	Mac.=FKI	Carr.Lon.=356deg		H.Ang=33deg
HXRBS 22: BCS 22: FCS	22:51:46 22:41	22:51:53 22:41	22:52:49 23:10	Peakc/s=80 CaPeak.c/s=253	Qual=01 Qual= 5	Tot Cts=898 FePeak=22:41	MaxkeV=341 FePeak.c/s=18	Flags=I,NS #Peaks=I	Flags=I,NS,GB #Peaks=I dt= 3.8s XE	(EN=832007
	:43 requency	y(MHz)/F1	22:43 Frequency(MHz)/Flux(sfu): ;	Wavelength=1375A 245/240 410/54 606/15 2695/73	6/15 2695	Kast Exp #=77713 Rast 5/73 8800/40 15400/41	=300"x240" =265"x265"	Step=15" Step=5"	Cad= 328s Pitch=-482"	1.024s/pixel ",Yaw=-42"

Event # 88/11/1	# = 10296 15,23:12	D0Y=320	1	SMM Pointing:	N33W04		Pitch=-490", Yaw=	, Yaw=-55", Roll=Odeg		H.Ang=30deg
GOES HXRBS UVSP Radio	23:11:55 2: 22:59 Frequency	_ 0	1 t :12 (sf	Peakc/s=77 Wavelength=1375A 245/330	Qual=00 Qual=01	Tot Cts=504 PExp #=77719 F	MaxkeV=105 Rast=10"x10"	Flags=I Step=0"	Pitch=-530"	', Үам=-36"
					88/11/16	5 D0Y=321				
Event #88/11/1	Event # = 10298 88/11/16,03:08	D0 Y		SMM Pointing:	N33W05	_	Pitch≖-490",Yaw	,Yaw=-78",Roll=Odeg	=0deg	H.Ang≕31deg
Optica]	Start	Peak	times		N20E44	AR5240	Mac.=8X0	Carr.Lon.≞	=308deg	H.Ang=46deg
GOES HXRBS BCS	02:28 02:29:02 02:30	03:08 : 02:29:11 02:41	03:28 02:30:52 02:45	Importance=C4 Peakc/s=86 CaPeak.c/s=132	Qual=02 Qual=01 Qual= 2	Tot Cts=1310 FePeak=02:41		Flags=I #Peaks=1 S+ss=10"	dt= 7.7s	XEN=832116
FCS UVSP	03:24			Wavelength=1375A		Exp #=77752	Kast=240 x240 Rast=265"x265"		pitch=-482",	1.0243/ pixel
Event # 88/11/1	t # = 10300 1/16,03:33	D0Y=321		SMM Pointing:	N33W06		Pitch=-490", Yaw	, Yaw=-89", Roll=Odeg	=0deg	H.Ang=31deg
Optical	start	reak	E C	HaClass=1F	N33W05	AR5229	Mac.=FKI	Carr.Lon.=357deg	=357deg	H.Ang=31deg
GOES HXRBS BCS BCS	03:29 03:29:24 03:30	03:33 1 03:30:28 03:34	03:49 03:31:06 03:36	Importance=C4 Peakc/s=80 CaPeak.c/s=68	Qual=01 Qual=01 Qual= 1	Tot Cts=802 FePeak=03:33	MaxkeV=75 FePeak.c/s=13 Rast=0"x0"	Flags=I #Peaks=1 Step=0"	dt= 3.8s Cad=.26s	XEN=832100 0.256s/pixel
	03:28			Wavelength=1375A	Code=00	Exp #=77755	Rast=10"x10"	Step=0"	8	", Yaw=-9"
Event # 88/11/1	# = 10396 /16,04:13 [	. ~	:	SMM Pointing:	N33W06		Pitch=.490", Yaw	, Yaw=-89", Roll:	,Roll=Odeg	H.Ang=31deg
Optica	Start	Peak	E S		N33W13	AR5229	Mac.=FKI	Carr.Lon.=4deg	=4deg	H.Ang=33deg
GOES HXRBS	04:01 04:08:43	04:13 3 04:09:47	05:01 04:18:06	Importance=M5 Peakc/s=4343	Qual=03 Qual=03	Tot Cts=2.06E+5	MaxkeV=423	Flags=I,E	EN	Descharation of the contract o
888 888	04:09:00 04:04	04:05	04:10:00 04:07	CaPeak.c/s=20	Qual= 4	FePeak=04:04	FePeak.c/s=7	#Peaks=1 Sten=10"	dt= 7.7s X Cad= 590s 1	XEN=832102 1.024s/pixel
UVSP Radio	04:08 Freque	04:08 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=1375A 15400/210	Code=00	Exp #=77764	Rast=10"x10"	Step=0"	Pitch=-495	", Yaw=+16"
Event # 88/11/16	# = 10304 16,04:56 Start	4 D0Y=321 Peak	End times	SMM Pointing:	N33W07		Pitch=-490", Yaw=-101"	=-101",Rol	, Roll=Odeg	H.Ang=31deg
GOES HXRBS UVSP	04:56:05 04:58	04:56:2	2 04:56:40	Peakc/s=67 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=381 Exp #=77765	MaxkeV=75 Rast=265"x265"	Flags=I Step=5"	Pitch=-482"	", Үаw=-89"
Event # 88/11/16	# = 1030 16,05:04	5 DOY=321	End +imag	SMM Pointing:	N33W07		Pitch=-490", Yaw=-101", Roll=Odeg	≔-101",Ro1	]=0deg	H.Ang≖31deg
GOES HXRBS BCS	3121 05:00 05:01:46 04:56	05:04 6 05:03:02 04:57	05:24 05:05:05 05:38	<pre>Importance=M1 Peakc/s=298 CaPeak.c/s=120</pre>	Qual=03 Qual=01 Qual= 4	Tot Cts=8340 FePeak=05:00	MaxkeV=138 FePeak.c/s=8 past=300"x240"	Flags=I #Peaks=1 Sten=15"	dt= 3.8s X Cad= 328s 1	XEN=832103 1.024s/pixel
UVSP	05:01			Wavelength=1375A	Code=00	Exp #=77768	Rast=10"x10"	- 1		", Yaw=+9"

Event 88/11/	Event # = 10393 88/11/16,05:33 Start	3 D0Y=321 Peak	End times	SMM Pointing:	N33W07		Pitch=-490", Yaw	", Yaw=-101", Roll=0deg	1=0deg	H.Ang=31deg
GOES HXRBS UVSP	05:33:00 05:29	0 05:33:24	05:	Peakc/s=101 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=507 Exp #=77774	MaxkeV=106 Rast=10"x10"	Flags=I Step=0"	Pitch=-496",Yaw=+1"	", Yaw=+1"
Event 88/11/	Event # = 10394 88/11/16,06:34 Start	4 D0Y=321 Peak	End times	₹ :	N33W08		58	, Yaw=-113", Roll=Odeg	1=0deg	H.Ang=31deg
GOES HYPRY	06:24	06:34	07:07		N32W00 Qua ]=04	AR5229	Mac.=FKI	Carr.Lon.=350deg	=350deg	H.Ang=29deg
SSS SSS SSS SSS SSS SSS SSS SSS SSS SS	06:29	06:32	06:50	reakc/s=596 CaPeak.c/s=1351	(γuai=01 (γuai= 1	lot Cts=33384 FePeak=06:32	MaxkeV=106 FePeak.c/s=334		dt= 3.8s	XEN=832104
UVSP Radio	O 3	Tvpe/	Intensity:	Wavelength=1375A Code=00	Code=00	Exp #=77778	Rast=265"x265"	Step=15" Step=5"		1.024s/pixel ",Yaw=-100"
Radio		cy (MHz) / F	Frequency (MHZ)/Flux(sfu):	410/84 1415/210 2		8800/17 Event # = 22013	1	1	1 1 1	; ; ; ;
FCS UVSP	06:30	06:30	/c:90	careak.c/s=5/ Wavelength=1375A	()ua  = 5		FePeak.c/s=11 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-491"	dt= 7.7s XEN=832105 Cad= 590s 1.024s/pixe1 Pitch=-491",Yaw=-14"
Event 88/11/	# = 10397 16,08:56	DOY=321	End +imos	SMM Pointing:	N33W09		Pitch=-129", Yaw	, Yaw=+489", Roll=90deg	]=90deg	H.Ang=31deg
GOES HXRBS BCS BCS	GOES 08:30 HXRS 08:47:13 BCS 08:49	08:56 08:47:30 08:50	09:15 08:50:28 08:52	Importance=C5 Peakc/s=206 CaPeak.c/s=20	Qual=03 Qual=01 Qual= 4	Tot Cts=5790 FePeak=08:49	MaxkeV=138 FePeak.c/s=7		dt= 7.7s	XEN=832106
UVSP Radio	08:29 Sweeps	Type/1	Type/Intensity:	Wavelength=2788A III/3	Code=00	Exp #=77791	Rast=115"x115" Rast=243"x243"		Cad=1083s 2 Pitch=-120",	2.048s/pixel ", Yaw=+502"
Event 88/11/	Event # = 9810 88/11/16,11:53 Start	DOY=321	Fnd times	SMM Pointing:	N33W11		Pitch=-490", Yaw=-151", Roll=Odeg	151", Roll	1=0deg	H.Ang=32deg
Optica 30ES	11:50			HaClass=1F	S24W61	AR5227	Mac.=EAI	Carr.Lon.=48deg	=48deg	H.Ang=65deg
HXRBS UVSP	11:51:13 12:03	11:51:57	11:58:55	c/s=4548 ength=2788A	Qual=01	Tot Cts=53320 Exp #=77795	MaxkeV=236 Rast=180"x1"	Flags=M5 Step=0"	Pitch=-356"	', Yaw=+32"
Event # 88/11/1 GOES BCS FC	Event # = 22014 88/11/16,12:43 Start GOES 12:33 BCS 12:45	D0Y=321 Peak 12:43 12:45	End times 12:52 12:48	Importance=C3 CaPeak.c/s=32	Qual=05 Qual= 5	FePeak=12:45	FePeak.c/s=7	-	dt= 7.7s	XEN=832107
JVSP Sad io	12:37 Frequenc	cy (MHz)/F	l2:37 Frequency(MHz)/Flux(sfu):	Wavelength=2788A Code=00 245/310	Code=00	Exp #=77796	Kast=0"x0" Rast≃180"x1"	Step=0" Step=0"		1.024s/pixel ',Yaw=+28"

Event # 88/11/16	t # = 9811 $1/16, 14:24$	D0Y=321	1	SMM Pointing:	N33W14		Pitch=-492", Yaw=	, Yaw=-202", Roll	, Roll=0deg	H.Ang=33deg
S Optical	Start	Peak	End times	HaClass=1N	N31W02	AR5229	Mac.=FKI	Carr.Lon.=348deg		H.Ang=28deg
GOES 1 HXRBS 1 BCS 1	14:20 14:22:04 14:18	14:24 14:23:00 14:23	14:29 14:24:13 14:26	tance=C5 c/s=302 ik.c/s=39	Qual=01 Qual=01 Qual= 1	Tot Cts=9254 FePeak=14:23	MaxkeV=138 FePeak.c/s=10		dt= 7.7s X Cad=1.02s 1	XEN=832108
	14:11			Wavelength≈2788A	Code=01	Exp #=77798	Rast=180"x1"	Step=0"	Pitch=-358"	", Yaw=-16"
Event # 88/11/16	: # = 9812 1/16,14:34	D0Y=321		SMM Pointing:	N33W14		Pitch=-492", Yaw	, Yaw=-202", Rol1	, Roll=0deg	H.Ang=33deg
Optical	Start	רמא.	5 :	HaClass=1N	N31W02	AR5229	Mac.=FKI	Carr.Lon.=348deg	348deg	H.Ang=28deg
GOES HXRBS BCS	14:30 14:31:51 14:30	14:34 14:32:48 15:04	14:46 14:33:07 15:08	Importance=mi Peakc/s=79 CaPeak.c/s=80	Qual=11 Qual=11 Qual= 2	Tot Cts=1149 FePeak=15:04	MaxkeV=75 FePeak.c/s=17	Flags=IS #Peaks=1 Sten=15"	dt= 3.8s X Cad= 328s 1	XEN=832109
	14:11			Wavelength=2788A		Exp #=77798	Rast=180"x1"		Pitch=-358"	', Yaw=-16"
Event # 88/11/10	Event # = 9813 88/11/16,16:05	D0Y=321		SMM Pointing:	N33W15		Pitch=-492", Yaw=-215", Roll=Odeg	=-215", Roll	=0deg	H.Ang=34deg
Optical	Start		End times		\$24W60	AR5227	Mac.=EAI	Carr.Lon.=45deg	.45deg	H.Ang=64deg
	16:02 16:04:13 15:45	16:05 16:04:33	16:10 16:04:52	Importance=C3 Peakc/s=126 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=836 Exp #=77800	MaxkeV=75 Rast=180"x1"	Step=0"	Pitch=-358"	, Үам=-27"
Event # 88/11/1	t # = 9815 1/16,17:40	D0Y=321	1	SMM Pointing:	N33W16		Pitch=-491", Yaw=-225", Roll=Odeg	=-225", Rol	=0deg	H.Ang=34deg
Optical	Start		End times	HaClass=SN	N31W07	AR5229	Mac.=FKI	Carr.Lon.=351deg	=351deg	H.Ang=29deg
GOES HXRBS BCS	17:27 17:31:13 17:29	17:40 17:32:25 17:37	18:16 5 17:39:24 18:19	<pre>Importance=M1 Peakc/s=103 CaPeak.c/s=643</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=7536 FePeak=17:36	MaxkeV=75 FePeak.c/s=134	#Peaks=1	dt= 7.7s X	XEN=832110 1.024s/nixel
FCS UVSP	$\Box$			velength=278	100	Exp #=77802	Rast=180"x1"		Pitch=-359" 	, Yaw=-39"
HXRBS	17:27:36	17:27	7:40 17:27:58	Peakc/s=59	Qual=01	Tot C	MaxkeV=75			
Event # 88/11/16	f = 9817 .6, 18:22	D0Y=321	20m;+	SMM Pointing:	N33W16		Pitch=-491", Yaw=-225", Roll=Odeg	r=-225", Rol	1=0deg	H.Ang=34deg
GOES HXRBS BCS	Start 18:20 18:21:34 18:19	764K 18:22 18:22:0 18:21	18:27 6 18:22:10 18:22	Importance=C3 Peakc/s=63 CaPeak.c/s=25	Qual=02 Qual=01 Qual= 1	Tot Cts=227 FePeak=18:21	MaxkeV=75 FePeak.c/s=8	#Peaks=1 C+on=15"	dt= 7.7s XI Cad= 328s 1	XEN=832111 1.024s/pixel
FCS UVSP	18:17			Wavelength=2788A	V Code=00	Exp #=77803	Rast=180"x1"	Step=0"	Pitch=-359	, Yaw=-46"

HaClass=S  18:59:19  19:15   19:38   Importance=C  18:58:58  18:59:09   18:59:20   Peakc/s=7  19:09   19:13   19:54   CaPeak.c/s=1  19:06   Wavelength=1  Start   Peak   End times   Wavelength=1:	ce=C5 Qual=03 /s=74 Qual=01 /s=122 Qual=01 th=1375A Code=00 ting: N33W18 Cs=100 Qual=01 th=1375A Qual=01 ch=1375A Qual=01	AR5229 Tot Cts=292 FePeak=19:12 Exp #=77807	Mac.=FKI MaxkeV=75 FePeak.c/s=23	Carr.Lon.=2deg	=2deg	H.Ang=34deg
18:58:58 18:59:09 18:59:20 Permission of the per	<b>4 4</b>	, –	MaxkeV=75 FePeak.c/s=23			
19:06  #av  19:06  #av  10,20:47  Start Peak End times  20:47:37  20:47:37  20:47:37  20:47:37  20:48:03  #av  # = 22016  10,21:02  20:54  20:54  20:54  20:54  20:52  Wave  # = 10924  116,22:08  DOY=321  SMM  Start Peak End times  20:52  Wave  # = 10924  Start Peak End times  20:52  Wave  # = 22017  # = 22017	1	Exp	107C~ 1100C = + 2 CO		dt= 3.8s	XEN=832112
# = 10437 %	1		Rast=10"x10"	Step=15	Lad= 3285 I Pitch=-484",	1.024s/pixel ',Yaw=-256"
20:47:37 20:47:49 20:48:03 Pea 20:39 Wav Wav    # = 22016			Pitch=-493", Yaw=-247", Roll=Odeg	=-247", Rol	]=0deg	H.Ang=35deg
# = 22016 Start Peak End times 20:54 21:02 21:26 20:52 # = 10924 16,22:08 00%=321 Start Peak End times 22:08:39 22:08:49 22:09:01 # = 22017 # = 22017		Tot Cts=229 Exp #=77817	MaxkeV=106 Rast=10"x10"	Flags=I Step=0"	Pitch=-524",Yaw=-137"	', Yaw=-137"
20:54 21:02 21:26 20:52 # = 10924 16,22:08 DOY=321 Start Peak End times 22:08:39 22:08:49 22:09:01 # = 22017 # = 22017						
20:52 # = 10924 16,22:08 DOY=321 Start Peak End times 22:08:39 22:08:49 22:09:01 22:09 # = 22017		FePeak=20:59	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=832113
# = 10924 116,22:08 DOY=321 Start Peak End times 22:08:39 22:08:49 22:09:01 22:09 # = 22017	th=1375A	Exp #=77820	Kast=0"x0" Rast=10"x10"	Step=0" Step=0"		1.024s/plxel ",Yaw=-118"
22:08:39 22:08:49 22:09:01 22:09 # = 22017 16.22:30 DOV=321			Pitch=-493", Yaw	, Yaw=-258", Roll=0deg	l=0deg	H.Ang=35deg
_	Qual=00 /s=92 Qual=01 th=1375A	Tot Cts=191 Exp #=77827	MaxkeV=75 Rast=265"x265"	Flags=I Step=5"	Pitch=-486"	, Yaw=-245"
Start Peak End times						
		AR5229	Mac.=FKI	Carr.Lon.=3deg		H.Ang=36deg
22:38 22:47 Cap	į		FePeak.c/s=14 Rast=300"x240"	#Peaks=2 Step=15"	dt= 3.8s Cad= 328s	XEN=832114 1.024s/pixel
JVSP 22:20 Wavelength=13/	:h=13/5A	Exp #=//833	Rast=10"x10"		Pitch=-499"	, Yaw=-119"
Event # = 10925 88/11/16,23:50 DOY=321 SMM Pointing: Start Peak End times	:ing: N33W19		Pitch=-493", Yaw=-269", Roll=Odeg	269", Roll	l=0deg	H.Ang=35deg
ur) ur) ur)	se=C2 Qual=01 s=381 Qual=01 s=27 Qual= 4	Tot Cts=3420 FePeak=23:51	MaxkeV=138 FePeak, c/s=9	Flags=I #Peaks=1	dt= 7.7s	XEN=832115
23:48 Frequency(MHz)/Flux(sfu):	Wavelength=1375A Code=00 8800/39 15400/100	Exp #=77843	Kast=U"xU" Rast=10"x10"		Cad=1.02s 1 Pitch=-499",	1.024s/pixe! ',Yaw=-129"

		88/11/1	7 D0Y=322				
D0Y=322	SMM Pointing:	N33W19		Pitch=-493", Yaw=-269", Roll=Odeg	=-269", Rol	1=0deg	H.Ang=35deg
Start Peak End times GOES 00:02 00:05 00:26 HXRBS 00:02:43 00:03:04 00:03:53 BCS 00:03 00:04 00:26	Importance=C3 Peakc/s=295 CaPeak.c/s=68	Qual=01 Qual=01 Qual= 1	Tot Cts=3230 FePeak=00:04	MaxkeV=139 FePeak.c/s=16		dt= 3.8s	XEN=832200
UVSP 00:01 Radio Sweeps Type/Intensity:	Wavelength=1375A III/3	Code=00	Exp #=77846	kast=300"x240" Rast=10"x10"	Step=15 Step=0"	cdu= 326s 1 Pitch=-534",	1.024s/pixel ',Yaw=-130"
rrequency(mHz)/riux(siu)	/+/nn+c1 +6/nnoo nc6/ono n77/c+7	2000/ 24 T	74/00/4/				
DOY=322	SMM Pointing:	N33W19		Pitch=-493", Yaw	, Yaw=-269", Roll=0deg	]=0deg	H.Ang=35deg
GOES 00:29 00:31 00:37 CMSS 00:37 MXRS 00:29:49 00:30:24 00:31:09 MXSP 00:38 00:35 UVSP 00:28	Importance=C2 Peakc/s=723 CaPeak.c/s=51 Wavelength=1375A	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=6720 FePeak=00:31 Exp #=77852	MaxkeV=239 FePeak.c/s=9 Rast=10"x10"	Flags=I #Peaks=1 Step=0"	dt= 7.7s ) Pitch=-499",	XEN=832201 ", Yaw=-134"
<pre>Sweeps</pre>	111/3 245/80 15400/110		•		-		
00Y=322	SMM Pointing:	N33W20		Pitch=-494", Yaw=-280", Roll=Odeg	/=-280", Rol	1=0deg	H.Ang=36deg
Start Peak End University of 1:30 01:33 01:38 HXRBS 01:30:48 01:31:16 01:35:01 BCS 01:31 01:32 01:35	Importance=C2 Peakc/s=65 CaPeak.c/s=55	Qual=01 Qual=01 Qual= 1	Tot Cts=384 FePeak=01:32	MaxkeV=76 FePeak.c/s=12		dt= 3.8s	XEN=832202
FCS UVSP 01:20 Radio Frequency(MHz)/Flux(sfu):	Wavelength=1375A 245/260	Code=00	Exp #=77856	Rast=300 x240 Rast=10"x10"	Step=15 Step=0"	cdd= 320s 1 Pitch=-529",	1.024s/pixei ",Yaw=-165"
D0Y=322	SMM Pointing:	N33W22		Pitch=-494", Yaw	, Yaw=-302", Roll=Odeg	1=0deg	H.Ang=37deg
GOES 04:47 04:50 04:54 HXRBS 04:48:55 04:49:38 04:50:18 BCS 04:50 04:50 04:53	Importance=Cl Peakc/s=203 CaPeak.c/s=22	Qual=01 Qual=01 Qual= 4	Tot Cts=232 FePeak=04:50	MaxkeV=107 FePeak.c/s=15	Flags=I #Peaks=1	dt= 7.7s	XEN=832203
FCS UVSP 04:41 Radio Frequency(MHz)/Flux(sfu):	Wavelength=1375A 245/330 8800/28	Code=00	Exp #=77885	kast=0.x0 Rast=10"x10"	Step=0"	cad=1.025 Pitch=-535	1.0245/pixel 5",Yaw=-184"
Event # = 10930 88/11/17,06:01 DOY=322	SMM Pointing:	N33W23		Pitch=-494", Yaw=-313", Roll=Odeg	v=-313", Rol	1=0deg	H.Ang=37deg
Peak End Cille	HaClass=1F	N33W22	AR5229	Mac.=FKI	Carr.Lon.=359deg	=359deg	H.Ang=37deg
HXRBS 05:58:44 05:59:13 05:59:26 UVSP 05:58	Peakc/s=87 Wavelength=1375A C	Qual=01 Code=00	Tot Cts=569 Exp #=77892	MaxkeV=76 Rast=265"x265"	Flags=I Step=5"	Pitch=-487	Pitch=-487", Yaw=-300"

Flags=I #Peaks=2 dt= 7.7s \$40" \$tep=10" Cad= 590s \$2tep=10" Cad= 590s \$2tep=10" Pitch=-530" Carr.Lon.=350deg Carr.Lon.=347deg Pitch=-361" Carr.Lon.=347deg Pitch=-492", \$2tep=15" Cad= 328s \$2tep=0" Pitch=-492", \$2tep=0" Pitch=-492", \$2tep=0" Pitch=-492", \$2tep=0" Pitch=-492", \$2tep=0" Pitch=-363", \$2tep=0" Pitch=-363", \$2tep=0" Pitch=-363", \$2tep=0" Pitch=-363", \$2tep=15" Cad= 328s I \$2tep=15" Cad= 328s I \$2tep=15" Cad= 328s I \$2tep=15" Cad= 328s I \$2tep=15" Cad= 328s I	Event # = 88/11/17,0	10931 )6:41	D0Y=322	1	SMM Pointing:	N33W23		Pitch=-494", Yav	, Yaw=-313", Ro]	.Roll=0dea	H. Ana=37dea
The contraction of the contrac	Sta GOES 06: HXRBS 06: BCS 05:	art 36 37:04 56	Peak 06:41 06:38:5 06:41	End time 06:56 9 06:41:20 06:53	Imp Pea CaP	Qual=03 Qual=01 Qual= 1	Tot Cts=57681 FePeak=06:40	MaxkeV=139 FePeak.c/s=51	Flags #Peak		XEN=832204
11:18   11:22   11:28   11:29   11:2	NVSP 06: NVSP 06: Radio Swee	29 ips 'equenc	Type/] :y(MHz)/F	ĒŢ.	Wavelength=1375A V/3 245/1900 410/130	Code=00 (0 606/160					1.024s/pixel ",Yaw=-201"
11:18   11:20   11:2	Event # = 88/11/17,1		D0Y=322 Peak		SMM Pointing	N33W25		Pitch=-495",Yaw	v=-345", Ro]	]=0deg	H.Ang=38deg
	Optical GOES 11:		11:22	11.28	HaClass=SN	N34W16	AR5229	Mac.=FKI	Carr.Lon.	=350deg	H.Ang=35deg
13.00	HXRBS 11: BCS 11: FCS	21	11:20:17 11:21	11:21:09 11:26	Peakc/s=177 CaPeak.c/s=76	Qual=01 Qual= 1	Tot Cts=2031 FePeak=11:21	MaxkeV=139 FePeak.c/s=15 Rast=300"x240"	#Peaks=1 <+en=15"	dt= 3.8s Cad= 328c	XEN=832205
= 22018  13:05	UVSP 11:	30			a)		Exp #=77909	Rast=180"x1"	Step=0"	Pitch=-361	', Yaw=-166"
13:00 13:06 13:38	Event # = 88/11/17,1 Sta	22018 3:06 rt	DOY=32 Peak	times							
13:05   13:0	13	8	~~	3:38	Tmnortance=C5	N30W14	AR5229	Mac.=FKI	Carr.Lon.	=347deg	H.Ang=31deg
= 9823 5tart Peak End times Sign Pointing: N33W27 13:32	EE EE	03	(1)	3:09	CaPeak.c/s=188 Wavelength=2788A		FePeak=13:04 Exp #=77911	FePeak.c/s=40 Rast=300"x240" Rast=180"x1"		dt= 3.8s Cad= 328s Pitch=-492'	XEN=832206 1.024s/pixel Yaw=-351"
13:39	Sent # = 38/11/17, 13	1	DOY=322 Peak	Fnd times	SMM Pointing	N33W27		Pitch=-497", Yaw	/=-366", Rol	1≖0deg	H.Ang=39deg
13:44:18 13:45:32 13:46:23 Peakc/s=83 Qual=01 Tot Cts=1696 Maxkev=76    40	optical		13:52	14.50	Ha.		AR5240	Mac.=CSO	Carr.Lon.	=306deg	H.Ang=34deg
= 22019 Start Peak End times Start Peak End times  Qual=00  15:36	322	18	3:45:	13:46:2	Peakc/s=83 Wavelength=2788A	Qual=03 Qual=01 Code=01	Tot Cts=1696 Exp #=77912	Ž.	Step=0"	Pitch≖-492"	, Yaw=-354"
15:36 16:06 16:12 CaPeak.c/s=39 Qual= 2 FePeak=16:06 FePeak.c/s=9 #Peaks=1 dt= 7.7s    16:11	vent # = . 88/11/17,10 Star		%	1							
Exp #=77915   Rast=180"x1"   Step=0"   Cad=1.02s     = 22020	0ES 15:		16:06		CaPeak.c/s=39	Qual=00 Qual= 2	FePeak=16:06	FePeak.c/s=9		dt= 7.7s	XEN=832207
= 22020 7,18:38	VSP 16:1	11			_		Exp #=77915	Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=-363"	1.024s/pixel ,Yaw=-196"
18:32			00Y=322 Peak	times		COLLEGA					
.0:34			∞ α	57		Qual=01	AK5229	Mac.=+KI		4	H.Ang=42deg
			•	5	8		rereak=10:30 Exp #=77918	rereak.c/s=14 Rast=300"x240" Rast=180"x1"		<pre>at= 3.8s Cad= 328s Pitch=-363"</pre>	XEN=832208 1.024s/pixel ,Yaw=-180"

Event # 88/11/1	t # = 22021 1/17,23:08 Start	D0Y=322 Peak	End times	İ	N21U23	AD5,220	Mac. = FKT	Carr, Lon. = 1ded	"Idea	H.Ang=42deg
Optical GOES BCS	23:00 23:08	23:08 23:09	23:30 23:17		Qual=04 Qual= 4	FePeak=23:09	FePeak.c/s=7	#Peaks=1	7.75	XEN=832209
	23:11			Wavelength=1375A	Code=02	Exp #=77946	Rast=265"x265"		pitch=-491	", Yaw=-385"
					88/11/18	3 D0Y=323				
Event # 88/11/1	Event # = 9825 88/11/18,00:45	D0Y=323	End times	SMM Pointing:	N33W30		Pitch=-498",Yaw=-408",Roll=Odeg	ı=-408", Rol	]=0deg	H.Ang=41deg
GOES HXRBS UVSP	00:45:08 (00:45	00:45:19	00:45:30	Peakc/s=51 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=113 Exp #=77959	MaxkeV=77 Rast=265"x265"	Step=5"	Pitch=-491	Pitch=-491", Yaw=-395"
Event # 88/11/1	Event # = 22022 88/11/18,02:58	DOY=323	Fnd times							:
Optical	3				N29W34	AR5229	Mac.=FAI	Carr.Lon.=360deg	=360deg	H.Ang≃42deg
SSS SSS SSS SSS SSS SSS SSS SSS SSS SS	02:46 02:36	02:58 02:58	03:04 03:12	Importance=C3 CaPeak.c/s=29	Qua  =01 Qua  = 1	FePeak=02:54	FePeak.c/s=7	#Peaks=2	dt= 7.7s X	XEN=832300 1.024s/pixel
UVSP	02:49			Wavelength=1375A Code=00	Code=00	Exp #=77981	Rast=10"x10"	Step=0"		", Yaw=-430"
Event # 88/11/1	= 9826 8,04:32	D0Y=323	30m; + 700	SMM Pointing:	N33W32		Pitch=-499", Yaw=-428", Roll=Odeg	v=-428",Ro]	]=0deg	H.Ang=43deg
GOES HXRBS UVSP	Start 04:31 04:32:03 04:21	04:32 04:32:07	od:32:23	Importance=C1 Peakc/s=61 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=124 Exp #=77994	MaxkeV=77 Rast=10"x10"	Step=0"	Pitch=-539	Pitch=-539", Yaw=-350"
Event # 88/11/1	Event # = 9827 88/11/18,09:01 Start	D0Y=323	End times	SMM Pointing:	N33W34		Pitch=-500", Yaw=-458", Roll=Odeg	w=-458", Ro]	1]=0deg	H.Ang=44deg
GOES HXRBS UVSP	09:00:59 09:22		09:01:10 09:01:35	Peakc/s=66 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=208 Exp #=78013	MaxkeV=77 Rast=180"x1"	Step=0"	Pitch≖-365	Pitch=-365",Yaw=-277"
Event   88/11/	Event # = 10932 88/11/18,14:11	D0Y=323		SMM Pointing:	N33W37		Pitch=-500", Yaw=-489", Roll=Odeg	w≈-489",Ro]	l]=0deg	H.Ang=46deg
Optica	Start  -  Start	Peak	End times		N32W44	AR5229	Mac.=FAI	Carr.Lon.=4deg	.=4deg	H.Ang=51deg
GOES HXRBS UVSP	14:04 14:03:56 14:04	14:11 14:04:17	14:11 14:04:17 14:05:26	Importance=cz Peakc/s=68 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=353 Exp #=78019	MaxkeV=77 Rast=180"x1"	Flags=I Step=0"	Pitch=-366	Pitch=-366", Yaw=-306"

0V-01 01/11/88	٤		MW Date to	OFFICER			:		
56/11/16,19:40 Start	Peak	End times	SMM POINTING:	N33W40		Pitch=-503", Yan	, Yaw=-522", Rol	, Roll=Odeg	H.Ang=48deg
Optical GOES 19:44	19:	20:18	HaClass=1N	N32W47	AR5229	Mac.=FAI	Carr.Lon.=4deg	=4deg	H.Ang=53deg
HXRBS 19:43:08 BCS 19:44 FCS	3 19:44:02 19:47	19:46:23 20:12	Peakc/s=565 CaPeak.c/s=246	Qual=01 Qual= 1	Tot Cts=20930 FePeak=19:46	MaxkeV=141 FePeak.c/s=62	Flags=M5 #Peaks=1	dt= 3.8s	XEN=832301
JVSP 19:46			Wavelength=1375A	Code=00	Exp #=78032	Rast=300"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 328s 1 Pitch=-494",	1.024s/pixel ",Yaw=-443"
Event # = 9830 88/11/18,23:19 Start	D0Y=323 Peak	Fnd times	SMM Pointing:	N33W42		Pitch=-503", Yav	, Yaw=-542", Roll=0deg	1=0deg	H.Ang=49deg
ptical OFS 23:14		23.25	HaClass=SF	N25W70	AR5242	Mac.=DSO	Carr.Lon.=25deg	=25deg	H.Ang=71deg
HXRBS 23:15:40 UVSP 23:07	23:16:09	23:16:27	Importance-ci Peakc/s=60 Wavelength=1375A		Tot Cts=237 Exp #=78061	MaxkeV=77 Rast=10"x10"	Step=0"	Pitch=-494"	', Үаw≂-587"
1 1				88/11/19	9 D0Y=324				
EVent # = 22023 88/11/19,10:02 Start GOES 09:56	D0Y=324 Peak 10:02	End times 10:18	Importance=C2	(qua1=04					
BCS 10:04 FCS	10:04	10:08	CaPeak.c/s=23	Qual= 5	FePeak=10:04	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=832400
/SP 10:22	ı		Wavelength=2788A		Exp #=78129	Rast=180"x1"	Step=0"	cad=1.02s 1 Pitch=-372",	1.024s/p1xe! ",Yaw=-417"
ent # = 9831 3/11/19,17:38 Start		Fnd +imac	SMM Pointing:	N33W51		Pitch=-509", Yaw=-631", Roll=Odeg	r=-631", Rol	]=0deg	H.Ang=56deg
GOES 17:37 HXRBS 17:37:39 UVSP 17:12	17:38 17:37:46	17:38:57	Importance=C3 Peakc/s=61 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=465 Exp #=78138	MaxkeV=78 Rast=180"x1"	Step=0"	Pitch=-375",Yaw=-450"	, Yaw=-450"
Event # = 9832 88/11/19,22:18 Start	D0Y=324 Peak	Fnd times	SMM Pointing:	N33W53		Pitch=-510", Yaw	, Yaw=-653", Rol	, Roll=0deg	H.Ang=58deg
tical ES 22:15	:18	}	HaClass=SF Importance=C2	N24W01	AR5240	Mac.=DAI	Carr.Lon.=303deg	=303deg	H.Ang=22deg
HXRBS 22:15:28 UVSP 22:07 Radio Sweeps	22:15:44 Type/Ir	:16:47 ensity:	Peakc/s=80 Wavelength=1375A III/2	Qual=01 Code=00	Tot Cts=996 Exp #=78158	MaxkeV=78 Rast=10"x10"	Step=0"	Pitch=-535",Yaw=-746	, Үаw=-746"
- T - W-				88/11/20	D0Y=325				
Event # = 9633 88/11/20,01:23 Start	DOY≈325 Peak	End times	SMM Pointing:	N33W54		Pitch=-510", Yaw	, Yaw=-664", Roll	, Roll=Odeg	H.Ang=59deg
tical ES 01:18				N28W90	AR5242	Mac.=CS0	Carr. Lon.=30deg	30deg	H.Ang=89deg
HXRBS 01:17:35 UVSP 01:14	01:18:50	01:19:23	Peakc/s=61 Wavelength=1375A	Qual=01 Code=00	Tot Cts=588 Exp #=78184	MaxkeV=80 Rast=10"x10"	Step=0"	Pitch=-536", Yaw=-750"	, Yaw=-750"

Event # 88/11/2	# = 9834 20,11:10	l l		SMM Pointing:	N33W60		Pitch=-513", Yaw=	, Yaw=-708", Roll	, Roll=0deg	H.Ang=64deg
GOES HXRBS UVSP	Start 11:07 S 11:10:27 11:24	Peak 11:10 11:10:35	End times 11:12 11:10:46	Importance=B7 Peakc/s=72 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=87 Exp #=78242	MaxkeV=80 Rast=180"x1"	Step=0"	Pitch=-379"	, Yaw=-526"
Event # 88/11/20 0ptical GOES	Event # = 22024 88/11/20,14:20 Start Optical 400ES 14:15	D0Y=325 Peak 14:20	End times 14:29	HaClass=SN Importance=C6	N13W36 Qual=04	AR5235 FeDeak=14:01	Mac.=CAO Febrak.c/s=12	Carr.Lon.=329deg #Peaks=} dt= 3.	80	H.Ang=37deg XEN=832500
FCS UVSP Radio	14:21 14:31 Sweeps Frequer			8A 1 7	4995/110	Exp #=78246	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"	328s h=-380	1.024s/pixel ", Yaw=-537"
Event 88/11/3 0ptica 60ES BCS	Event # = 22025 88/11/20,14:33 Start Optical GOES 14:29 BCS 14:32	DOY=325 Peak 14:33 14:33	End times 14:52 14:35	HaClass=SF Importance=C2 CaPeak.c/s=24	N36W57 Qual=03 Qual= 4	AR5229 FePeak=14:32	Mac.=FAI FePeak.c/s=7 Rast=240"x240"	Carr.Lon.=350deg #Peaks=1 dt= 7. Step=10" Cad= 5	7s 90s	H.Ang=62deg XEN-832501 1.024s/pixe1
UVSP	14:31			Wavelength=2788A	Code=00	Exp #=78246	Rast=180"x1"	Step=0"	Pitch=-380"	',Yaw=-537"
Event # 88/11/20 Optical GOES BCS	1/20,22:16 1/20,22:16 Start cal 22:00 22:11	6 D0Y=325 Peak 22:16 22:16	End times 22:43 22:19	HaClass=SF Importance=C3 CaPeak.c/s=31	N13W41 Qual=03 Qual= 1	AR5235 FePeak=22:12	Mac.=CA0 FePeak.c/s=13	Carr.Lon. #Peaks=1	=330deg dt= 7.7s	H. Ang=42deg XEN=832502
FCS UVSP Radio	22:14 Freque	22:14 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=1375A 8800/22 15400/84	Code=00	Exp #=78267	Kast=U"xU" Rast=10"x10"	Step=0" Step=0"	cad=1.028 Pitch=-538"	1.0245/pixer ',Yaw=-721"
Event 88/11/ GOES HXRBS UVSP Radio Radio	#= (A	tt # = 9835 11/20,23:26 D0Y=325 Start Peak End ti 23:22 23:26 23:30 85 23:25:38 23:25:52 23:26: 23:20 Type/Intensit io Sweeps Type/Intensit	End times 23:30 2 23:26:30 Intensity: Flux(sfu):	SMM Pointing: Importance=C2 Peakc/s=56 Wavelength=1375A 245/37	N33W67 Qual=01 Qual=01 Code=00	Tot Cts=439 Exp #=78274	Pitch=-517", Yaw MaxkeV=114 Rast=10"x10"	,Yaw=-751",Roll=0deg 	l=0deg Pitch=-538"	H.Ang=70deg '',Yaw=-724"
Event 88/11/	# = 9837 /20,23:52			SMM Pointing:	N33W67		Pitch=-517", Yaw	, Yaw=-751", Roll=0deg	1=0deg	H.Ang≃70deg
GOES HXRBS BCS FCS	23:44 23:48:03 23:48:03	23:52 23:52 3 23:49:01 23:51	23:49: 23:59:	Importance=C4 Peakc/s=87 CaPeak.c/s=56 Wavelenoth=1375A	Qual=03 Qual=01 Qual= 1	Tot Cts=1525 FePeak=23:50 Exp #=78280	MaxkeV=114 FePeak.c/s=22 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 3.8s Cad= 590s Pitch=-543	XEN=832503 1.024s/pixel ",Yaw=-795"
76 0	3									

1	1														I	
			H.Ang=70deg	XEN=832600	1.024s/p1xe1 ",Yaw=-759"		XEN=832601	1.024s/p1xel ",Yaw=-745"	H.Ang=71deg	Pitch=-534",Yaw=-799"		H.Ang=73deg	XEN=832602	", Yaw=-778"	dt= 7.7s XEN=832603	", Yaw=-779"
Pitch=-533"	t 1 1 1		, Roll=Odeg		cau=1.02s 1 Pitch=-493",			Cad= 328s 1 Pitch=-510",	]=0deg	Pitch=-534		.=357deg	dt= 7.7s	Pitch=-539"		1
	1 1 1		, Yaw=-751", Ro	#Peaks=1	Step=0"			Step=15" Step=5"	, Yaw=-761", Roll=Odeg	Step=0"		Carr.Lon.=357deg	#Peaks=1	Step=5"	#Peaks=1	I .
MaxkeV=80 Rast=10"x10"			Pitch=-517", Ya	MaxkeV=153 FePeak.c/s=7	kast=10"x10" Rast=10"x10"		FePeak.c/s=11	Rast=300"x240" Rast=265"x265"	Pitch=-518", Ya	MaxkeV=84 Rast=10"x10"		Mac.=FA0	FePeak.c/s=14	Rast=110"x200"	FePeak.c/s=9	Rast=110"x200"
Event # = 9836 Tot Cts=249 Exp #=78277	Event # = 9838 Tot Cts=276	D0Y=326	I	Tot Cts=1906 FePeak=01:08	Exp #=78290		FePeak=02:09	Exp #=78294		Tot Cts=301 Exp #=78306		AR5229	FePeak=04:06	Exp #=78308	FePeak=04:35	Exp #=78312
sociated Qual=01	Associated Qual=01	88/11/21	N33W67	Qual=01 Qual=01 Qual= 1	A Code=00		Qual=05 Qual= 5	A Code=02	N33W69	Qual=03 Qual=01 Code=00		N32W71	Qual=01 Qual= 1	A Code=00	Qua]=03 Qua]= 3	A Code=00
Peakc/s=48 (	Peakc/s=44		SMM Pointing:	Importance=C2 Peakc/s=212 CaPeak.c/s=26	Wavelength=1375A C III/2 245/62 2695/25		Importance=C4 CaPeak.c/s=44	Wavelength=1375A	SMM Pointing:	Importance=Cl Peakc/s=51 Wavelength=1375A III/2		HaClass=SF	Importance=C2 CaPeak.c/s=28	Wavelength=1375A	Importance=C2 CaPeak.c/s=20	Wavelength=1375A III/2
23:47:02	3:51:02 23:52:00		-	End times 01:13 01:07:59 01:10			02:30 02:16		4	03:06 03:01:42 tensity:		End times	04:13 04:12		End times 05:03 04:39	Type/Intensity:
10	- 2		4	Peak 01:09 01:07:40 01:09	01:08 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)		02:08 02:08		D0Y=326	7501 03:01 03:01 03:03 03:01:23 03:0 Type/Intens	2	88	04:06 04:07		DOY=326 Peak 04:36 04:38	Type/I
23:46:21	23:50:46		# = 9839 '21,01:09	Start 01:07 01:08 01:08	01:08 Sweeps Frequen	# = 22027 '21,02:08	GOES 01:50 BCS 02:09	02:11	# = 9840 '21,03:01	3.447. 03:00 03:01 02:56 o Sweeps	Event # = 22028	Start	94 94 95 95 95	03:50	: # = 22029 [/21,04:36 Start 04:30 04:35	04:28 Sweeps
HXRBS UVSP	HXRBS		Event 88/11/	GOES HXRBS BCS	UVSP Radio Radio	Event 88/11/	GOES	FCS UVSP	Event 88/11/	GOES HXRBS UVSP Radio	Event	Optica	60ES BCS	UVSP		UVSP Radio

Event 88/11/	Event # = 9841 88/11/21,12:33 Start	DOY=326	Fnd times	SMM Pointing:	N33W71		Pitch=-518", Yaw=-774", Roll=Odeg	774", Rol	]=0deg	H.Ang=73deg
Optica	]    12.26		2	HaClass=1F	N19W25	AR5240	Mac.=EAI	Carr.Lon.=306deg	=306deg	H.Ang=30deg
HXRBS UVSP	12:27:38 12:27:38 12:23	12:27:53	12:28:02	Peakc/s=49 Wavelength=2788A	Qual=02 Qual=01 Code=01	Tot Cts=93 Exp #=78329	MaxkeV=84 Rast=180"x1"	Step=0"	Pitch=-386", Yaw=-598"	, Yaw=-598"
Event 88/11/	Event # = 9842 88/11/21,13:53	DOY=326	End +imoc	SMM Pointing:	N33W74		Pitch=-521", Yaw:	', Yaw=-784", Roll=Odeg	1=0deg	H.Ang=75deg
Optica Optica	13.30		<b>}</b>		N21W22 N24W10	AR5240 AR5241	Mac.=EAI	Carr.Lon.=302deg Carr.Lon.=290deg		H.Ang=29deg H.Ang=24deg
HXRBS S	13:48:30 13:48:30 13:45	13:49:10 13:45	14:06 13:50:14 14:00	Importance=U4 Peakc/s=66 CaPeak.c/s=33	Qual=03 Qual=01 Qual= 5	Tot Cts=752 FePeak=13:45	MaxkeV=84 FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=832604
UVSP	13:57			Wavelength=2788A	Code=02	Exp #=78331	Rast=180"x1"	Step=0"	Pitch=-386",	", Yaw=-601"
Event 88/11/	Event # = 22031 88/11/21,16:56 Start	DOY=326 Peak	End times							
Optica GOES BCS	16:52 16:58 16:58	16:56 16:58	17:14 17:04	HaClass=SN Importance=C9 CaPeak.c/s=51	N21W31 Qual=04 Qual= 5	AR5240 FePeak=16:58	Mac.=EAI FePeak.c/s=15	Carr.Lon.=310deg #Peaks=1 dt= 3.3	. s	H.Ang=36deg XEN=832605
FCS UVSP Radio Radio	17:05 Sweeps Frequen	17:05 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	ntensity: :lux(sfu):	Wavelength=2788A Code=02 V/2 245/600 410/160	Code=02	Exp #=78335	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 328s 1 Pitch=-388",	1.024s/pixel ",Yaw≃-607"
Event 88/11/	# = 9843 21,19:55	DOY=326	+	SMM Pointing:	N33W77		Pitch=-523", Yaw=-794", Roll=Odeg	794", Rol	1=0deg	H.Ang=78deg
GOES HXRBS UVSP	GOES 19:51 HXRBS 19:50:27 UVSP 20:12	19:55 19:55 19:52:16	20:01 19:56:05	Importance=C7 Peakc/s=179 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=7459 Exp #=78339	MaxkeV=225 Rast=180"x1"	Step=0"	Pitch=-389",Yaw=-612"	, Yaw=-612"
Event 88/11/	Event # = 9844 88/11/21,23:02	DOY=326	2 times	SMM Pointing:	N33W77		Pitch=-523", Yaw	, Yaw=-794", Rol	, Roll=Odeg	H.Ang=78deg
Optical	אנמן נ     		23.40		N14W56	AR5235	Mac.=CRO	Carr.Lon.=331deg	=331deg	H.Ang≈57deg
HXRBS BCS BCS	22:51:32 22:53	22:54:24 23:01	23:25 23:25	Peakc/s=717 CaPeak.c/s=326	Qual=01 Qual= 1	Tot Cts=37765 FePeak=22:56	MaxkeV=263 FePeak.c/s=91	Flags=M5 #Peaks=1 c+o=10"	dt= 7.7s X	XEN=832606
UVSP Radio Radio	22:54 Sweeps Frequen	22:54 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	ntensity: lux(sfu):	Wavelength=1375A Code=00 Exp #= III/3 V/2 245/310 410/180 606/920 1415/57	Code=00 06/920 1	Exp #=78349 415/57 2695/54 8	78349 Rast=110"x200" 2695/54 8800/50 15400/26		Pitch=-510"	, Yaw=-816"

					00/11/00	0 DAV-227					ı
	# = 22032 22,07:11 Start 07:03 07:06	D0Y=327 Peak 07:11 07:10	End times 08:09 07:14	Importance=C3 CaPeak.c/s=61 Wavelength=1375A	Qual=03 Qual= 1 Code=00	FePe Exp	FePeak.c/s=13 Rast=0"x0" Rast=110"x200"	#Peaks=1 Step=0" Step=5"	dt= 3.8s X Cad=1.02s 1 Pitch=-542",	XEN=832700 1.024s/pixel ", Yaw=-825"	
Event # 88/11/22 Optical GGGES HXRBS FCS UVSP ECS FCS UVSP	# = 9850 22,15:10 Start 14:15 14:58:41 14:57 14:57 15:40	DOY=327 Peak 15:10 14:59:39 15:01	End times 15:46 15:02:07 15:03	SMM Pointing: N22W40  HaClass=1F N28W26  Importance=C9 Qual=02  Peakc/s=73 Qual=01  CaPeak.c/s=103 Qual= 1  Wavelength=2788A Code=01	<del> </del> <del> </del> <del> </del> <del> </del>	AR5241  Tot Cts=2463 FePeak=15:01 Exp #=78392 Event # = 22033 FePeak=15:40 Exp #=78393	Pitch=-341"  Mac.=ESO  MaxkeV=87  FePeak.c/s= Rast=380"x1  FePeak.c/s= Rast=300"x2  Rast=180"x1	, Yaw=-583", Roll=Odeg Carr.Lon.=292deg 7 #Peaks=1 dt= 3. 40" Step=15" Cad= 3 Step=0" Pitch= 7 #Peaks=1 dt= 4. 7 #Peaks=1 dt= 4. 7 Step=15" Cad= 3 Step=0" Pitch=	9.85 3288 =-207' 3288 =-207'	.Ang=44deg .Ang=36deg .024s/pixel Yaw=404" .024s/pixel Yaw=-404" .024s/pixel	
Event # 88/11/22 Optical GOES CORPS ECS CORPS ECS CORPS ECS CORPS ECS CORPS CO	# = 9854 /22,21:36 Start al 21:01 21:02 21:02 21:56	D0Y=327 Peak 21:36 21:03:01 21:05	End times 22:00 21:03:53 21:17	SMM Pointing: HaClass=SF Importance=C4 Peakc/s=50 CaPeak.c/s=100 Wavelength=1375AAs	N22W44 N21W44 Qual=02 Qual=01 Qual= 1 5A Associated Qual= 5	AR5240 Tot Cts=374 FePeak=21:05 Exp #=78423 Event # = 22034 FePeak=21:58	Pitch=-342", Yaw=-624", Roll=0deg Mac.=EAI	=-624", Roll=Odeg Carr.Lon.=307deg #Peaks=1 dt= 3. Step=10" Cad= 3 Step=5" Pitch= 	9 .88 3328 336	1. Ang=47deg 1. Ang=47deg (EN=832703 1. 024s/pixel 7 aw=-620" 7 aw=-620" CEN=832704	1
S					88/11/23	3 00Y=328	Nast-300 A240			1.02.3/ P.100.1	l
Event 88/11/ GOES HXRBS UVSP RAdio	# = 9855 23,21:31 Start 21:29:30 21:15 Sweeps	DOY=328 Peak End 21:31:02 21: Type/Inten	End times 21:32:20 ntensity:	SMM Pointing: Peakc/s=68 Wavelength=2788A	Z 00	Tot	Pitch=-349",Yaw=-754",Roll=Odeg MaxkeV=128 Rast=180"x1" Step=0" Pitch	=-754",Rol Step=0"	l=Odeg H.Ang=59 Pitch=-215",Yaw=-57	H.Ang=59deg ,Yaw=-573"	
Event 88/11/ GOES BCS FCS UVSP	# = 22035 24,09:02 Start 08:50 08:58	D0Y=329 Peak 09:02 09:01	End times 09:40 09:09	88/11// Importance=C2 Qual=05 CaPeak.c/s=30 Qual= 1 Wavelength=1375A Code=00	88/11/24 Qual=05 Qual= 1 Code=00	4 D0Y=329 FePeak=09:01 Exp #=78531	FePeak.c/s=7 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-347",	XEN=832900 1.024s/pixel ',Yaw=-821"	

				88/11/25	5 D0Y=330				
Event # = 11048 88/11/25,16:25	0	7	SMM Pointing:	NOZWOO		Pitch=-2", Yaw=+	, Yaw=+1", Roll=0deg	eg	H.Ang=Odeg
Optical		na times	HaClass=SF	\$17E76	AR5254	Mac.=HSX	Carr.Lon.=150deg	=150deg	H.Ang≈77deg
GUES 16:21 HXRBS 16:21:44 UVSP 16:24	16:22:3 16:22:3	7 16:24:13	Importance=14 Peakc/s=99 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=2670 Exp #=78619	MaxkeV=98 Rast=180"x1"	Flags=I Step=0"	Pitch=+20",	, Yaw=+24"
				88/11/26	6 D0Y=331				
Event # = 9858 88/11/26,09:38	D0Y=331		SMM Pointing:	N22W84		Pitch=-364", Yaw	, Yaw=-898", Rol	, Roll=Odeg	H.Ang=84deg
3.48.1 HXRBS 09:38:37 UVSP 09:28	_	09:39:11	Peakc/s=116 Wavelength=1375A	Qual=01	Tot Cts=750 Exp #=78654	MaxkeV=359 Rast=110"x200"	Flags=NS, Step=5"	Flags=NS,GB Step=5" Pitch=-380",Yaw=-917	, Yaw=-917"
Event # = 22036 88/11/26,12:10 Start	6 D0Y=331 Peak								
GOES 11:30 BCS 11:51	12:10 11:57	14:30 12:47	Importance=C3 CaPeak.c/s=60	Qual=04 Qual= 7	FePeak=11:55	FePeak.c/s=8	#Peaks=1	dt= 3.85	XEN=833100
Ξ			Wavelength=278	7	Exp #=78659	Kast=300"x2 Rast=180"x1	ep =	I= 328s :ch=-230	.024s/p Yaw=-71
BCS 14:01	14:08	14:21		Associated Qual= 4	Event # = 2203/ FePeak=14:02	FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=833101
			Wavelength=2788A		Exp #=78662	Rast=180"x1"	Step=0"	Pitch=-230"	1.02+3/plas
Event # = 22038 88/11/26,17:52 Start	8 D0Y=331 Peak	End times							
G0ES 17:47 BCS 18:06	17:52 18:06	18:15 18:09	<pre>Importance=C1 CaPeak.c/s=19</pre>	Qua]=05 Qua]= 5	FePeak=18:06	FePeak.c/s=11	#Peaks=1		XEN=833102
UVSP 18:00			Wavelength=2788A	Code=02	Exp #=78667	Kast=0"x0" Rast=180"x1"	Step=0"	Cad=1.02s 1 Pitch=+176",	1.024s/ptxe! ",Yaw=+702"
Event # = 9856 88/11/26,23:42	DOY=331	ישהי + לים	SMM Pointing:	S17E53		Pitch=+297", Yaw	, Yaw=+744", Rol	, Roll=Odeg	H.Ang=55deg
Optical GOFS 23:25	23.4	00:33		\$17E57	AR5254	Mac.=DHO	Carr.Lon.=152deg	=152deg	H.Ang=59deg
3:28:5	5 23:35:1 23:39	8 23:39:03 23:45	Peakc/s=111 CaPeak.c/s=1018	Qual=01 Qual= 1	Tot Cts=22306 FePeak=23:37	MaxkeV=99 FePeak.c/s=232		dt= 7.7s	
rts UVSP 23:38 Radio Freque	:38 requency(MHz)/F	/Flux(sfu):	Wavelength=2788A 2695/23 8800/55	15400/68	Exp #=78674	Kast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332S Pitch=+177"	1.024s/plxel ,Yaw=+673"
Event # = 2203	C			88/11/2/	7 D0Y=332				
88/11/27,01:13 Start 60ES 00:55 BCS 01:12	DOY=332 Peak 01:13 01:13	End times 02:12 01:18	Importance=C3 CaPeak.c/s=20	Qual=03 Qual= 2	FePeak=01:16	FePeak, c/s=13	#Peaks=1	dt= 7.7s	XEN=833200
UVSP 01:12			Wavelength=2788A	Code=00	Exp #=78676	Rast=180"x1"	Step=0"	Cdd=1.025 Pitch=+177"	1.0245/plxel ", Yaw=+664"

C2:21   C2:22   C2:22   C2:25   C2:2	Event # 88/11/2	Event # = 9857 88/11/27,02:21	D0Y=332	10 m;+	SMM Pointing:	S17E52		Pitch=+298", Yaw	,Yaw=+731",Roll=Odeg	1=0deg	H.Ang=54deg
007:13:1 02:20 PackC/5 se2 Qual=01 Tot Cts=1455 RaxteV-100 07:13:1 02:20 PackC/5 se2 Qual=01 Tot Cts=1455 Raxt=243"x243" Step=3" Pitch=+305 07:13:1 02:15 PackC/5 se2 Qual=00 Exp #=7857 Rast=243"x243" Step=3" Pitch=+305 07:13:1 02:15 PackC/5 se2 Pack	Optical	Start	רמא ני		HaClass=SF	N18E13	AR5251	Mac.=DAI	Carr.Lon.	=195deg	H.Ang=21deg
Type/Intensity: III2	GOES HXRBS	)2:13 )2:13	02:21 02:13:31	02:26 02:15:	Importance=C3 Peakc/s=62 Uavelencth=27884	Qual=01 Qual=01	Tot Cts=1455 Fxn #=78677	MaxkeV=100 Ract=243"x243"	\$+en=3"	Pitch=+305	". Yaw=+743"
DOY=332  O2:50  O2:52  O2:52  O2:52  O2:52  O2:52  O2:52  O3:52  O3:53  O3:54  O3:55  O3:54  O3:55  O3:56	Radio S	~ ~	Type/I cy (MHz)/F	ntensity: lux(sfu):	11/2 111/1 245/420 410/20 60	02/90			) ) )		
02:50 02:52 CaPeak.c/s=27 Qual=00  0043=2 FePeak=02:50 Rast=115"x115" Step=3" Pitch=+305  Rast=115"x115" Step=3" Pitch=+305  Rast=115"x115" Step=3" Pitch=+305  Rast=115"x115" Step=3" Pitch=+305  Rast=115"x115" Step=3" Pitch=+305  Rast=115"x115" Step=3" Pitch=+305  Rast=243"x243" Step=3" Pitch=+305  Rast=243"x243" Step=3" Pitch=+305  Rast=243"x243" Step=3" Pitch=+305  Rast=243"x243" Step=3" Pitch=+305  Rast=243"x243" Step=3" Pitch=+305  Rast=243"x243" Step=3" Pitch=+305  Rast=243"x243" Step=3" Pitch=+305  Rast=260"x05" Step=0" Cad=1.02s  Rast=0"x0"  Rast=0"x0"  Rast=0"x0"  Rast=0"x0"  Rast=180"x1" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Pitch=+178  Rast	Event 4 88/11/2	= 22040 7,02:50 Start		Fnd times							
DOY=332  Havelength=2788A  Exp #=78677  Rast=243"x243" Step=5" Cdd=10838  Boy #=3677  Rast=243"x243" Step=5" Cdd=10838  Rast=243"x243" Step=5" Cdd=10838  Rast=243"x243" Step=5" Cdd=10838  Rast=243"x243" Step=5" Cdd=10838  Rast=243"x243" Step=5" Cdd=10838  Rast=243"x243" Step=5" Pitch=+306  Rast=243"x243" Step=5" Pitch=+306  Rast=243"x243" Step=5" Pitch=+306  Rast=243"x243" Step=5" Pitch=+306  Rast=243"x243" Step=5" Pitch=+308  Rast=243"x243" Step=5" Pitch=+308  Rast=265"x265" Step=6" Pitch=+308  Rast=180"x1" Step=0" Pitch=+308  Rast=180"x1" Step=0" Pitch=+178  Rast=180"x1" Step=0" Pitch=	GOES Pro	02.46		02.52		Qual=00	FePeak=02:50	FePeak.c/s=10	-	dt= 7.7s	XEN=833201
DOY=332 Peak 08:29 09:44 Cabeak.c/s=66 Qual=4 Cabeak.c/s=66 Qual=4 Cabeak.c/s=66 Qual=4 Cabeak.c/s=66 Qual=4 Cabeak.c/s=66 Qual=4 Cabeak.c/s=66 Qual=4 Cabeak.c/s=66 Qual=4 Cabeak.c/s=63 Qual=35 Mavelength=1375A Code=02 Exp #=78714 Rast=265"x265" Step=6" Pitch=+306 Rast=265"x265" Step=6" Pitch=+306 Rast=10"x0" Step=6" Pitch=+306 Rast=10"x0" Step=6" Pitch=+178 Rast=10"x1" Step=6" Pitch=+178 DOY=332 Peak Mavelength=2788A Code=02 Exp #=78741 Rast=180"x1" Step=6" Pitch=+178 Rast	FCS UVSP	01:59	}	<u> </u>			Exp #=78677	Rast=115"x115" Rast=243"x243"		Cad=1083s Pitch=+305	2.048s/pixel ",Yaw=+743"
08:36 09:06 CaPeak.c/s=26 Qual= 4 FePeak=08:36 FePeak.c/s=6 #Peaks=1 dt= 7.7s Rst=0"x0" Step=0" Cad=1.02s Rst=0"x0" Step=0" Cad=1.02s Rst=0"x0" Step=0" Cad=1.02s Rst=0"x0" Step=0" Pitch=+306 Cad=1.02s Rst=0"x0" Step=0" Pitch=+306 Cad=1.02s Rst=0"x0" Step=0" Pitch=+306 Rst=0"x0" Step=0" Pitch=+306 Rst=0"x0" Step=0" Pitch=+306 Rst=0"x0" Step=0" Pitch=+306 Rst=0"x0" Step=0" Pitch=+306 Rst=0"x0" Step=0" Pitch=+306 Rst=0"x0" Step=0" Pitch=+306 Rst=0"x0" Step=0" Pitch=+306 Rst=0"x0" Step=0" Pitch=+306 Rst=0"x0" Step=0" Pitch=+306 Rst=0"x0" Step=0" Pitch=+308 Rst=0"x0" Step=0" Pitch=+308 Rst=0"x0" Step=0" Pitch=+308 Rst=0"x0" Step=0" Pitch=+308 Rst=0"x0" Step=0" Pitch=+308 Rst=0"x0" Step=0" Pitch=+308 Rst=0"x0" Step=0" Pitch=+308 Rst=0"x0" Step=0" Pitch=+308 Rst=0"x0" Step=0" Pitch=+308 Rst=0"x0" Step=0" Pitch=+308 Rst=180"x1" Step=	Event 4 88/11/2	7,08:29		Fnd + impo							
DOY=332  Havelength=1375A Code=02 Exp #=78714 Rast=265"x265" Step=5" Cade=1.02s Peak 16:42 17:00	GOES BCS	31471 08:08 08:35	08:29 08:36	09:44 09:06		Qual=05 Qual= 4	FePeak=08:36	FePeak.c/s=6		dt= 7.7s	XEN=833202
DOY=332  End times    15:00	LVSP UVSP	08:31			Wavelength=1375A	Code=02	Exp #=78714	kast=U_xU Rast=265"x265"		cau=1.028 Pitch=+306	1.0245/ pixel
17:00	Event # 88/11/2	; = 22042 ; 7, 16:42									
DOY=332  Mavelength=2788A Code=02 Exp #=78741 Rast=180"x1" Step=0 Cad=1.02s  Peak HaClass=SF S17E45 AR5254 Mac.=DHI Carr.Lon.=154deg  17:45 18:01 CaPeak.c/s=40 Qual= 1 FePeak=17:40 FePeak.c/s=11 #Peaks=1 dt= 7.7s  Mavelength=2788A Code=01 Exp #=78742 Rast=180"x1" Step=0 Cad=1.02s  Peak End times HaClass=SF N23E06 AR5256 Carr.Lon.=193deg  HaClass=SF N23E06 AR5256 Carr.Lon.=193deg  17:57 18:01 Importance=C1 Qual=01 Tot Cts=169 MaxkeV=100  Havelength=2788A Pair Cts=169 MaxkeV=100 Exp #=78743 Rast=180"x1" Step=0 Pitch=+178	GOES	Start 16:37 16:41	reak 16:42 16:44	End times 17:00 16:55		Qual=03 Qual= 3	FePeak=16:41	FePeak.c/s≖7	#Peaks=1	dt= 7.7s	XEN=833203
D0Y=332 Peak End times HaClass=SF S17E45 AR5254 Mac.=DHI Carr.Lon.=154deg 17:45 17:54 Importance=C1 Qual=01 17:45 18:01 CaPeak.c/s=40 Qual= 1 FePeak=17:40 FePeak.c/s=11 #Peaks=1 dt= 7.7s Rast=0.x0" Step=0. Cad=1.02s Wavelength=2788A Code=01 Exp #=78742 Rast=180"x1" Step=0. Pitch=+178"  D0Y=332 SMM Pointing: S17E43 Pitch=+299", Yaw=+636", Roll=0deg 17:57 18:01 Importance=C1 Qual=01 Tot Cts=169 MaxkeV=100 17:54:46 17:55:05 Peakc/s=47 Qual=01 Tot Cts=169 MaxkeV=100 17:54:46 17:55:05 Peakc/s=47 Qual=01 Tot Cts=169 MaxkeV=100 17:54:46 17:55:05 Peakc/s=47 Qual=01 Tot Cts=169 MaxkeV=100  Exp #=78743 Rast=180"x1" Step=0" Pitch=+178"	FCS UVSP	16:50	•		Wavelength=2788A		Exp #=78741	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	cad=1.02s Pitch=+178	1.0245/plxel ",Yaw=+571"
17:43 17:54	Event # 88/11/2	/ = 22043 27, 17:43 Start		End times							
17:45 17:34 importance—C1 Qual= 1 FePeak=17:40 FePeak.c/s=11 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178" Step=0" Pitch=+178"	Optica	2	17.43			S17E45	AR5254	Mac.=DHI	Carr.Lon.	=154deg	H.Ang=48deg
DOY=332	385 385 385	1/:36 17:39	17:45			Qual=1	FePeak=17:40	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=833204
DOY=332 SMM Pointing: S17E43 Pitch=+299", Yaw=+636", Roll=Odeg Peak End times HaClass=SF N23E06 AR5256 Carr.Lon.=193deg 17:57 18:01 Importance=C1 Qual=01 Tot Cts=169 MaxkeV=100 Archives Peakc/s=47 Qual=01 Tot Cts=169 MaxkeV=100 Archives Pitch=+178"	UVSP	17:26			Wavelength=2788A		Exp #=78742	Rast=180"x1"	Step=0"	Pitch=+178	", Yaw=+567"
Peak End times HaClass=SF N23E06 AR5256 17:57 18:01 Importance=C1 Qual=01 Tot Cts=169 MaxkeV=100 17:54:46 17:55:05 Peakc/s=47 Qual=01 Tot Cts=169 MaxkeV=100 Wavelength=2788A Exp #=78743 Rast=180"x1" Step=0" Pitch=+178"	Event 88/11/2	t = 9861 27,17:57	ì		1	S17E43		Pitch=+299", Yaw	√=+636", Rol	1=0deg	H.Ang=46deg
17:54 17:57 18:01 Importance=c1 yual=01 17:54:36 17:54:46 17:55:05 Peakc/s=47 Qual=01 Tot Cts=169 MaxkeV=100 18:23 Wavelength=2788A Exp #=78743 Rast=180"x1" Step=0"	Optica	Start    -		End times		N23E06	AR5256		Carr.Lon.	=193deg	H.Ang=23deg
	GOES HXRBS UVSP	1/:54 17:54:36 18:23	1/:5/ 5 17:54:46	18:01 17:55:05	8A A	Qual=01 Qual=01	Tot Cts=169 Exp #=78743	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=+178	", Yaw=+561"

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88/11/2/,19:44 Start Start	D0Y=332 Peak	End times				;			
თ	9:4		HaClass=SF Importance=C2	\$18E48 0ual=01	AR5254	Mac.=DHI	Carr.Lon.	=150deg	H.Ang=51deg
19:32	19:41	19:53	CaPeak.c/s=52	Qual= 1	FePeak=19:42	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=833205
19:57			Wavelength=2788A		Exp #=78745	Kast=240"X240" Rast=180"x1"	Step=10" Step=0"		1.024s/pixel ",Yaw=+551"
Event # = 9859 88/11/27,22:36	D0Y=332		SMM Pointing:	S17E41		Pitch=+300", Yaw	, Yaw=+606", Rol	Roll=Odea	H.Ana=44dea
Start		End times	Ha Clace=1R	CIRCAR	ADESEA	- 7cM		16140	
22:09	22:36	23:22	Importance=M7	0ua]=01	407CN4		carr. Lon. =1510eg	eroreg	H.Ang=48deg
HXRBS 22:11:50 BCS 22:13 FCS 22:13	22:14:56 22:35	22:52:23 23:10	Peakc/s=719 CaPeak.c/s=4885	Qua]=02 Qua]= 1	Tot Cts=3.61E+5 FePeak=22:32	MaxkeV=184 FePeak.c/s=1822	Flags=M5, #Peaks=2	N dt= 7.7s	XEN=833206
22:07	ŀ	•	Wavelength=2788A		Exp #=78748	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s Pitch=+179	1.024s/pixel ",Yaw=+536"
oweeps Frequen	weeps Frequency(MHz)/Flux(sfu)	Intensity: :lux(sfu):	245/480 410/200	606/49 2695/95	5/95	4995/69 8800/330 15400/170			
23:10	23:10	23:11	eak.c/s=238	Associated Qual= 5	Event # = 22045 FePeak=23:10		 #Peaks=1	1	XEN=833207
23:05			Wavelength=2788A		Exp #=78749	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s Pitch=+179"	1.024s/pixel ',Yaw=+530"
Event # = 22046 88/11/27,23:48 Start	D0Y=332 Peak	End times							
23:47	23:48	00:44	CaPeak.c/s=62	Qual=00 Qual= 4	FePeak=23:51	FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=833208
23:42			Wavelength=2788A		Exp #=78750	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 328s 1 Pitch=+179",	1.024s/pixel ",Yaw=+526"
Event # = 9860 88/11/27,23:59 Start	D0Y=332 Peak	End times	SMM Pointing:	S17E40		Pitch=+300", Yaw=+595",	=+595", Rol	, Roll=0deg	H.Ang=43deg
23:59:24 23:42		00:00:00	Peakc/s=53 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=372 Exp #=78750	MaxkeV=100 Rast=180"x1"	Step=0"	Pitch=+179"	, Yaw=+526"
				88/11/28	8 D0Y=333				
t # = 22047 1/28,05:18 Start 05:04 05:12	DOY=333 Peak 05:18 05:19	End times 05:47 05:25	Importance=C2 CaPeak.c/s=44	Qual=03 Qual= 3	FePeak=05:18	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=833300
05:11			Wavelength=1375A	Code=00	Exp #=78775	Rast=300"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 328s ] Pitch=+551",	1.024s/pixel ',Yaw=-365"
t # = 9863 1/28,05:23 Start	DOY=333	Fnd +imes	SMM Pointing:	S17E37		Pitch=+563", Yaw	, Yaw=-301", Rol	, Roll=90deg	H.Ang=41deg
05:23:18 05:11		05:24:03	Peakc/s=45 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=165 Exp #=78775	MaxkeV=101 Rast=10"x10"	Sten=0"	Ditch=+551" Yaw=_365	Yaw= 1365"

Event #88/11/2 Optica	Event # = 22048 88/11/28,07:48 Start Optical	D0Y=333 Peak	T-3 '	.Class=1N	\$20E34	AR5254	Mac.=DSI	Carr.Lon.=157deg	=157deg	H.Ang=39deg
BCS BCS	07:40 07:59	07:48 07:59	08:06 08:33		Qual=05 Qual= 5	FePeak=07:59	FePeak.c/s=9 Bact=240"x240"	#Peaks=1	dt= 3.8s	XEN=833301 1.024s/pixel
UVSP	07:53			Wavelength=1375A	Code=02	Exp #=78789	Rast=265"x265"			', Yaw=+551"
Event #88/11/2	t # = 9864 1/28,09:53	DOY=333		SMM Pointing:	S17E35	and the same of th	Pitch=+301", Yaw	, Yaw=+529", Rol	, Roll=Odeg	H.Ang=39deg
GOES HXRBS UVSP	start 09:53:29 09:49		_	Peakc/s≖49 Wavelength≈1375A	Qual=00 Qual=01	Tot Cts=98 Exp #=78805	MaxkeV=101 Rast=10"x10"	Step=0"	Pitch=+300"	', Yaw=+575"
Event	# = 22049				88/11/29	9 D0Y=334				
	54,02:28 Start 02:22	D01=334 Peak 02:26	End times 02:43	Importance=C4	Qual=01	FeDeak=02-31	February c/s=14		dt= 7.75	XFN=833400
FCS UVSP	02:24 02:24	16:30	66.30			Exp #=78829	Rast=240"x240" Rast=243"x243"	Step=10" Step=3"	Cad= 590s 1 Pitch=+308",	1.024s/pixel ',Yaw=+408"
Event 88/11/	Event # = 11074 88/11/29,13:52	D0Y=334		SMM Pointing:	NO1WOO		Pitch=+0", Yaw=+0", Roll=Odeg	0", Roll=0d	6a	H.Ang=Odeg
Optica	Start 1	Peak	End time:	HaClass=SF	S20E25	AR5254	Mac.=DSI	Carr.Lon.=150deg	=150deg	H.Ang≖32deg
GOES HXRBS	13:50 13:51:02 14:07	13:52 13:51:26	13:54 13:51:49	Importance=B/ Peakc/s=119 Wavelength=2788A	(ua =01 (ua =01	Tot Cts=769 Exp #=78889	MaxkeV=143 Rast=180"x1"	Flags=I Step=0"	Pitch=+20", Yaw=+24"	Yaw=+24"
Radio	<b>-1</b> .3≩	eeps Type/Intensity Frequency(MHz)/Flux(sfu)		111/2 245/340 410/110				L.		
Event 88/11/	t # = 9866 1/29,19:56 Start	DOY=334 Peak	End times	SMM Pointing:	S17E16		Pitch=+300", Yaw=+254", Roll=Odeg	/=+254", Rol	1=0deg	H.Ang=24deg
GOES HXRBS UVSP	19:56:47 20:23			Peakc/s=41 Wavelength=2788A	Qual=00 Qual≖01	Tot Cts=61 Exp #=78897	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+179",	'', Yaw=+176"
					88/11/30	0 DOY=335				
Event 88/11/ GOES	Event # = 22050 88/11/30,01:21 Start GOES 01:04	DOY=335 Peak 01:21	End times 01:51	Importance=C1	Qua]=02	-	-			6
BCS FCS UVSP	01:10 00:59	01:10	01:11	CaPe		FePeak=01:10 Exp #=78925	FePeak.c/s=12 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	at= /./s Cad=3840s Pitch=+344"	AEN=833500 3840s/pixel ",Yaw=+167"

DOY-335  DOY-336  DOY-337  DOY-337  DOY-338  End times  SMM Pointing: S17602  DOY-336  End times  SMM Pointing: S17602  DOY-336  DOY-336  End times  SMM Pointing: S17602  DOY-336  DOY-336  End times  SMM Pointing: S17602  DOY-336  DOY-336  End times  SMM Pointing: S17602  DOY-336  DOY-336  End times  SMM Pointing: S17602  DOY-336  DOY-336  End times  SMM Pointing: S17602  DOY-336  DOY-336  DOY-336  DOY-336  End times  SMM Pointing: S17401  DOY-336  DOY-336  DOY-336  End times  SMM Pointing: S17401  DOY-336  DOY-336  End times  SMM Pointing: S17401  DOY-336  DOY-336  End times  Maxelength-1375A Code-00  Exp #-79913  DOY-336  DOY-336  DOY-336  End times  SMM Pointing: S17401  DOY-336  DOY-336  End times  Maxelength-1375A Code-00  Exp #-79013  DOY-336  End times  Maxelength-1375A Code-00  Exp #-79013  Exp #-79013  Exp #-7998, 'Yaw=+34", Roll=Odeg  Peak  BR/12/01  DOY-336  DOY-336  End times  Maxelength-1375A Code-00  Exp #-79013  Exp #-79013  Exp #-79013  Exp #-79014  Exp #-79013  Exp #-79014	Event # = 9867 88/11/30,03:40	D0Y=335		SMM Pointing:	\$17E12		Pitch=+299", Yaw=+186", Roll=0deg	w=+186", Rol	1=0deg	H.Ang=21deg
Maxew-101   Maxew-102   Maxew-102   Maxew-102   Maxew-103   Maxe	Start Optical		نۆ		\$21E12	AR5254	Mac.=DHI	Carr.Lon.	=155deg	H.Ang=25deg
D0Y=335         Mavelength=1375A Code=00         Exp #=78942         Rast=10"x10"         Siep=0"         Pitch=+290"         Pitch=+178           21:06:17         21:06:17         11:07:11	03:36	03:37:1 03:37:1 03:39	03:38:3 03:46	<pre>Importance=Ul Peakc/s=53 CaPeak.c/s=45</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=467 FePeak=03:38	MaxkeV=101 FePeak.c/s=12 Rast=0"x0"	#Peaks=1 Sten=0"		XEN=833501 1.024s/pixe1
DOV=335 End times   SMM Pointing: S17E02   Pitch=+298", Yaw=+34", Roll=Odeg   21:06:17 21:07:11   PeakC/s=45   Qual=01   Tot Cts=227   MaxkeV=101   Step=0" Pitch=+178"   21:06:17 21:07:11   PeakC/s=45   Qual=01   Tot Cts=227   Pitch=+298", Yaw=+34", Roll=Odeg   21:18:55 21:19:37   PeakC/s=69   Qual=01   Tot Cts=1963   MaxkeV=230   Pitch=+298", Yaw=-23", Roll=Odeg   21:18:55 21:19:37   PeakC/s=69   Qual=01   Tot Cts=1963   MaxkeV=230   Pitch=+178"   21:18:55 21:19:37   PeakC/s=69   Qual=01   Tot Cts=1963   MaxkeV=230   Pitch=+178"   21:18:55 21:19:37   PeakC/s=69   Qual=01   Tot Cts=264   Rast=180"x1"   Step=0" Pitch=+178"   21:18:55 21:19:37   PeakC/s=69   Qual=01   Tot Cts=264   MaxkeV=101   Flags=1   21:18:55 21:19:37   PeakC/s=60   Qual=01   Tot Cts=264   MaxkeV=101   Flags=1   21:18:55 21:19:37   PeakC/s=60   Qual=01   Tot Cts=264   MaxkeV=101   Flags=1   21:18:55 21:19:37   PeakC/s=60   Qual=01   Tot Cts=264   Pitch=+298", Yaw=-50", Roll=Odeg   21:18:55 21:19:37   PeakC/s=60   Qual=01   Tot Cts=264   Pitch=+298", Yaw=-63", Roll=Odeg   21:18:55 21:19:37   PeakC/s=50   Qual=01   Tot Cts=78   Pitch=+298", Yaw=-63", Roll=Odeg   21:18:55 21:19:37   PeakC/s=50   Qual=01   Tot Cts=78   Pitch=+298", Yaw=-63", Roll=Odeg   21:18:55 21:19:37   PeakC/s=50   Qual=01   Tot Cts=100   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+383"   21:18:55 21:19:37   PeakC/s=50   Qual=01   Tot Cts=100   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+383"   21:18:55 21:19:37   PeakC/s=50   Qual=01   Tot Cts=100   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   Pitch=+298", Yaw=-63", Roll=Odeg   P	UVSP 03:31			Wavelength=1375		Exp #=78942	Rast=10"x10"	Step=0"		", Yaw=+240"
DOY=335   End times   Maxel   Exp #=78994   Rast=180"x1   Step=0"   Pitch=+178"	ven 8/1	D0Y=33	F14	SE SE	S17E02		Pitch=+298", Ya	w=+34", Roll:	=0deg	H.Ang=18deg
DOY=335 End times	21:05 21:05 21:22 21:22	21:06:1	21:16 7 21:07:11		Qual=01 Qual=01 A	Tot Cts=227 Exp #=78994	_	Step=0"	Pitch=+178"	", Yaw=-44"
Qual=00	Event # = 9869 88/11/30,21:18	D0Y=33		SMM	S17E02		Pitch=+298", Ya	w=+34", Roll:	=0deg	H.Ang=18deg
DOY=336         SMHW Pointing:         \$8/12/01         DOY=336         Pitch=+298", Yaw=-23", Roll=Odeg           Peak         End times         HaClass=SF         N18E07         AR5260         Mac.=DSI         Carr.Lon.=147deg           03:38:32         O3:38:32         O3:38:43         Dove=35F         Oual=03         Tot Cts=264         Maxkev=101         Flags=I           DOY=336         SMM Pointing:         SI7W03         Pitch=+297", Yaw=-50", Roll=Odeg         Pitch=+348"           DOY=336         SMM Pointing:         SI7W03         Pitch=+297", Yaw=-50", Roll=Odeg         Pitch=+388"           DOY=336         SMM Pointing:         SI7W03         Pitch=+297", Yaw=-50", Roll=Odeg         Pitch=+388"           DOY=336         Boi:22:39 O6:22:44         Peak         Pointing:         SI7W04         Pitch=+298", Yaw=-63", Roll=Odeg           DOY=336         End times         SMM Pointing:         SI7W04         Pitch=+298", Yaw=-63", Roll=Odeg           DOY=336         End times         SMM Pointing:         SI7W04         Pitch=+298", Yaw=-63", Roll=Odeg           DOY=52:15 07:52:39	21:16 21:22	7 can	5 21:19:37	Pea ¥		Tot Cts=1963 Exp #=78994	MaxkeV=230 Rast=180"x1"	Step=0"	Pitch=+178"	", Yaw=-44"
DOY=336         SMM Pointing:         SI7W01         AR5260         Mac.=DSI         Carr.Lon.=147deg           03:38:32         03:38:43         HaClass=SF (aual=0)         NU8E07 (aual=0)         AR5260         Mac.=DSI         Carr.Lon.=147deg           03:38:32         03:38:43         HaCls=46 (aual=0)         Lots=264 (aual=0)         Mackev=101 (aual=0)         Flags=I         Pitch=+398", yaw=-50", Roll=0deg           DOY=336         SMM Pointing:         SI7W03         Pitch=+297", yaw=-50", Roll=0deg         Pitch=+398"           DOY=336         Importance=Cl (aual=0)         Qual=01 (aual=0)         Tot Cts=78         Mackev=101 (aual=0)         Flags=I           DOY=336         SMM Pointing:         SI7W04         Pitch=+298", yaw=-63", Roll=0deg         Pitch=+388"           DOY=336         SMM Pointing:         SI7W04         Pitch=+298", yaw=-63", Roll=0deg         Pitch=+388"           DOY=336         Fn times         HaClass=SF         NI7E53         AR5261         Mac.=CSO         Carr.Lon=-99deg           O7:55:15 07:55:15 07:55:39         Macelength=1375A         Code=00         Exp #=79043         Rast=10"x10"         Flags=I           O7:55:15 07					88/12/0					
03:38:32 03:38:43	ent # = 1107 /12/01,03:41 Start			SMM	S17W01		Pitch=+298", Ya	w=-23", Roll:	=0deg	H.Ang=18deg
03:38:32 03:38:43	Optical		03.50	Ŧ.	N18E07	AR5260	Mac.=DSI	Carr.Lon.	=147deg	H.Ang=19deg
DOY=336         SMM Pointing:         SI7W03         Pitch=+297", Yaw=-50", Roll=Odeg           Peak End times 06:22         Importance=C1 Qual=05 Ode=00 Exp #=79033         Qual=01 Tot Cts=78 MaxkeV=101 Step=0" Pitch=+383"           DOY=336 End times Red times Red times Avelength=1375A Code=00 Exp #=79033         AR5261 Mac.=CSO Carr.Lon.=99deg           O7:53 O7:55 Importance=C1 Qual=01 Ods=00 Exp #=79043         Peak MaxkeV=143 Flags=I Wavelength=1375A Code=00 Exp #=79043           O7:52:15 O7:52:39 Peakc/s=131 Qual=01 Tot Cts=1460 MaxkeV=143 Rast=10"x10" Step=0" Pitch=+288"           O7:49:53 O7:50:11 Peakc/s=77 Qual=01 Tot Cts=519 MaxkeV=101 Flags=I	HXRBS 03:37:5 UVSP 03:35	03:38:	03:38:4	Peakc/s=46 Wavelength=1375		Tot Cts=264 Exp #=79013	MaxkeV=101 Rast=10"x10"	Flags=I Step=0"	Pitch=+348"	", Yaw=+32"
06:25 06:29 4 Peakc/s=50 Qual=01 Tot Cts=78 MaxkeV=101 Flags=I Pitch=+383"  Mavelength=1375A Code=00 Exp #=79033 Rast=10"x10" Step=0" Pitch=+383"  D0Y=336 SMM Pointing: S17W04 Peak  HaClass=SF N17E53 AR5261 Mac.=CS0 Carr.Lon.=99deg  07:53 07:55 Importance=C1 Qual=01 Tot Cts=1460 MaxkeV=143 Flags=I Wavelength=1375A Code=00 Exp #=79043 Rast=10"x10" Step=0" Pitch=+288"  Mavelength=1375A Code=00 Exp #=79043 Rast=10"x10" Step=0" Pitch=+288"  O7:52:15 07:52:39 Peakc/s=131 Qual=01 Tot Cts=1460 MaxkeV=101 Flags=I	Event # = 1107 88/12/01,06:25 Start	D0Y=33	1	SM	S17W03		Pitch=+297", Ya	w=-50", Roll:	=0deg	H.Ang=18deg
DOY=336	GOES 06:19 HXRBS 06:22:2 UVSP 06:22	06:22:3	06:29 9 06:22:44	Imp Pea Hav		Tot Cts=78 Exp #=79033	MaxkeV=101 Rast=10"x10"	Flags=I Step=0"	Pitch=+383"	', Yaw=+12"
07:53 07:55 Importance=C1 Qual=01 07:52:15 07:52:39 Peakc/s=131 Qual=01 Tot Cts=1460 MaxkeV=143 Flags=I Wavelength=1375A Code=00 Exp #=79043 Rast=10"x10" Step=0" Pitch=+288"	Event # = 9870 88/12/01,07:53 Start	00Y=33	Fnd + ime	₹	S17W04		Pitch=+298", Yan	W=-63", Roll:	=0deg	H.Ang=18deg
07:52:05 07:52:15 07:52:39 Peakc/s=131 Qual=01 Tot Cts=1460 MaxkeV=143 Flags=I Potch=+288"	Optical GOFS 07:49		3	HaClass=SF	N17E53	AR5261	Mac.=CSO	Carr.Lon.	=99deg	H.Ang=55deg
07:49:38 07:49:53 07:50:11 Peakc/s=77 Qual=01 Tot Cts=519 MaxkeV=101		07:52	52:39	LC.	Qual=01	Tot Cts=1460 Exp #=79043	MaxkeV=143 Rast=10"x10"	Flags=I Step=0"	Pitch=+288"	', Yaw≕-81"
	07:49:	07:49	50:11	Peakc/s=77	Associated Qual=01	<pre>Event # = 110// Tot Cts=519</pre>	MaxkeV=101 -	Flags=I	1 1 1 1	1 1 1 1 1 1

Event # = 88/12/01,	t # = 11079 2/01, 19:08	D0Y=336		SMM Pointing:	S17W10		Pitch=+296", Yaw	, Yaw=-160", Rol	, Roll=Odeg	H.Ang=20deg	
St Optical	tart	a d	⊆ (	Class=SN	N20E46	AR5261	Mac.=CSO	Carr.Lon.=100deg	=100deg	H.Ang=49deg	
GOES 19 HXRBS 19 UVSP 19	3:04 3:05:16 3:14	19:08 19:05:39	19:42 19:06:47	Importance=C2 Peakc/s=58 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=871 Exp #=79060	MaxkeV=101 Rast=180"x1"	Flags=I Step=0"	Pitch=+205"	", Yaw=-12"	
Event # 88/12/01, St GOES 23 BCS 23	t # = 22051 2/01,23:46 Start 23:39 23:43	DOY=336 Peak 23:46 23:44	End times 00:07 23:55	Importance=C1 CaPeak.c/s=47	Qual=01 Qual= 1	FePeak=23:44	FePeak. C/s=12.	L	dt= 4.0s	XEN=833600	
FCS UVSP 23	3:56			Wavelength=2788A		Exp #=79066	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 328s 1 Pitch=+205",	1.024s/p1xel ", Yaw=-53"	
					88/12/02	2 D0Y=337					
Event # = 98/1 88/12/02,17:53	17:53 17:53	DOY=337		SMM Pointing:	S15E13		Pitch=+262",Yaw	, Yaw=+204", Rol	,Roll≖Odeg	H.Ang=20deg	
Optical	rart	reak	rimes	HaClass=SF	N18E38	AR5261	Mac.=DSI	Carr.Lon.=95deg	=95deg	H.Ang=41deg	
HXRBS 17 UVSP 17	17:49 17:50:31 17:41	17:51:01 17:51:01	17:52:00	Importance=tZ Peakc/s=55 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=619 Exp #=79121	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=+171"	", Yaw=+360"	
Event # = 88/12/02, St	20 F	DOY=	d times		\$16E09	AR5262	Mac.=DAO	Carr.Lon.	=123deg	H.Ang=19deg	
805 20 805 20 100 20	13	20:15 20:15	20:21	Importance=C1 CaPeak.c/s=24	Qual≕03 Qual≖ 4	FePeak=20:13	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=833700	
UVSP 20	):18			Wavelength=2788A	Code=02	Exp #=79124	Kast=0"x0" Rast=180"x1"	Step=0"	cad=1.02s Pitch=+171"	1.0245/p1xe1 ",Yaw=+337"	
					88/12/03	3 D0Y=338					
Event # = 88/12/03,		DOY=338		SMM Pointing:	N19E26	•	Pitch=-310", Yaw	, Yaw=+408", Roll=0deg	]=0deg	H.Ang=32deg	
HXRBS 20 UVSP 20	\$ 20:04:24 20:16	20:04:43	20:05:01	Peakc/s=55 Wavelength=2788A	Qual=01	Tot Cts=285 Exp #=79187	MaxkeV=319 Rast=180"x1"	Flags=NS,	Flags=NS,GB Step=0" Pitch=-176"	", Yaw=+332"	
Event # = 88/12/03,	2/03,21:06	DOY=338		SMM Pointing:	N19E26	ı	Pitch=-310", Yaw	, Yaw=+398", Rol	, Roll=Odeg	H.Ang=31deg	1
Optical		reak 21.06	nd tilles		N25E40	AR5265		Carr.Lon.=78deg	=78deg	H.Ang=46deg	
HXRBS 21 UVSP 21	1:03:37 1:18	21:04:15	21:05:32	Importance=14 Peakc/s=169 Wavelength=2788A	Ųual=01 Qual=01	Tot Cts=4276 Exp #=79188	MaxkeV=143 Rast=180"x1"	Step=0"	Pitch=-176"	", Yaw=+324"	
1 4 - 1	1600				88/12/04	4 D0Y=339					
Event # = 88/12/04, c+		DOY=339	pomit pul	SMM Pointing:	N19E17		Pitch=-310", Yaw	, Yaw=+273", Rol	, Roll=Odeg	H.Ang=25deg	
GOES 12 HXRBS 12 UVSP 12	12:48 12:50:08 12:55	12:53 12:50:19	^	Importance=C1 Peakc/s=107 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=413 Exp #=79273	MaxkeV=143 Rast=180"x1"	Step=0"	Pitch=-176"	Pitch=-176", Yaw=+196"	

					88/12/05	5 D0Y=340	340	***************************************			The same of the sa
Event # 88/12/0	; = 11083 15,02:23	DOY=340	1	SMM Pointing:	N18E76			Pitch=-300", Yaw=+899", Roll=Odeg	-+899", Roll		H.Ang=76deg
GOES HXRBS UVSP	Start 02:16 02:19:38 02:11	reak 02:23 1 02:19:54	End times 03:00 02:20:09	Importance=C2 Peakc/s=47 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=169 Exp #=79315	_	MaxkeV=101 Rast=10"x10"	Flags=I Step=0"	Pitch=-311",Yaw=+883"	Yaw=+883"
		the fillings of the state of th			88/12/06	6 D0Y=341	141				
Event # 88/12/0	Event # = 9875 88/12/06,11:12	D0Y=341		SMM Pointing:	N21E54		_	Pitch=-355",Yaw	, Yaw=+733", Roll=0deg		H.Ang=57deg
Optical	3tart 11.05		suid cilles	HaClass=SB	N13W28	AR5258	-	Mac.=BXO	Carr.Lon.=112deg		H.Ang=31deg
GUES HXRBS UVSP Radio	11:08:16 11:08:16 10:48 Frequen	:05 :08:16 11:09:19 11:09:4 :48 requency(MHz)/Flux(sfu)	ω··	Importance=L3 Peakc/s=45 Wavelength=2788A 245/300	yual≖Uı Qual=01	Tot Cts=380 Exp #=79462	_	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=-221",Yaw=+658	Yaw=+658"
					88/12/0/	7 D0Y=342	342				
Event # 88/12/0	# = 9876 /07,00:04	D0Y=342	somi+ bal	SMM Pointing:	N22E46			Pitch=+652",Yaw=+357",Roll=90deg	=+357", Roll:		H.Ang=50deg
GOES HXRBS UVSP	35al 6 00:04:20 23:56		:43	Peakc/s=49 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=123 Exp #=79498	_	MaxkeV=101 Rast=10"x10"	Step=0"	Pitch=+659",Yaw=+297"	Yaw=+297"
Event # 88/12/07	t = 9877 7,01:55			SMM Pointing:	N21E45			Pitch=-356", Yaw=+647", Roll=Odeg	=+647", Roll		H.Ang=49deg
GOES HXRBS UVSP	Start GOES 01:50 HXRBS 01:52:08 UVSP 01:02	reak 01:55 3 01:52:45	6 01:53:24	Importance=Cl Peakc/s=175 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=1473 Exp #=79503		MaxkeV=186 Rast=243"x243"	Step=3"	Pitch=-349",Yaw=+662"	Yaw=+662"
Event # 88/12/0	2/07,05:55 Start	DOY=342	Fnd +imes								
GOES BCS	05:42 05:52	05:55 05:53	06:50 05:58	Importance=C3 CaPeak.c/s=20	Qua]=04 Qua]= 4	FePeak=05:55		FePeak.c/s=7		dt= 7.7s X	XEN=834200
UVSP	06:35			Wavelength=2788A		Exp #=79506		kast=U XU Rast=180"x1"	Step=0"	.du=1.023 1 Pitch=-222",	1.0245/p1xe1 ", Yaw=+545"
Event # 88/12/0	t = 9878 7,09:33 Start	D0Y=342	End +imag	SMM Pointing:	N21E41			Pitch=-357", Yaw=+596", Roll=Odeg	-+596", Roll		H.Ang=45deg
GOES HXRBS UVSP Radio	GOES 09:31 HXRBS 09:31:23 (UVSP 09:42 Radio Frequency	9:31 09:33 09:40 9:31:23 09:31:32 09:31:4 9:42 Frequency(MHz)/Flux(sfu)	09:40 09:31:49 1ux(sfu):	Importance=B8 Peakc/s=43 Wavelength=2788A 245/100	Qual=01 Qual=01 Code=02	Tot Cts=153 Exp #=79508		MaxkeV=143 Rast=180"x1"	Step=0"	Pitch=-222",Yaw=+525"	Yaw=+525"

2/d	= 22054 ,23:29 ;tart	DOY= Peak	(	HaClass=SF	N16E84	AR5	AR5271		Carr.Lon.=340deg	=340deg	H. Ang=84deg
80ES 2 2 2	23:25 23:27	23:23 23:28	23:32 23:33	Importance=UZ CaPeak.c/s=43	Qual=01 Qual= 1	FePeak=23:28	23:28	FePeak.c/s=12 Rast=0"x0"	#Peaks=1 C+en=0"	dt= 7.7s Cad=1 02c	XEN=834201
UVSP 2	3:24			Wavelength=1375A	Code=00	Exp #=79544	9544	Rast=10"x10"	Step=0"		, Yaw=+937"
Event # = 9879 88/12/07,23:41	= 9879 ,23:41	D0Y=342		SMM Pointing:	N15E86			Pitch=-252",Ya	, Yaw=+941", Roll=Odeg	1=0deg	H.Ang=87deg
Optical	rart	רמא ל פיי	2 2	Class=SF	S17W90	AR5	AR5254	Mac.=HSX	Carr.Lon.=154deg	=154deg	H.Ang=90deg
MXRBS 2 HXRBS 2 UVSP 2	23:32 23:33:51 23:37	23:35:07	23:41:42	Importance=M1 Peakc/s=60 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts Exp #=7	Cts=3011 #=79547	MaxkeV=186 Rast=10"x10"	Step=0"	Pitch=-248",Yaw=+937"	, Yaw=+937"
					88/12/08		D0Y=343				
Event # 88/12/08	= 9880 , 14:30	D0Y=343		SMM Pointing:	N15E85			Pitch=-251", Yaw=+940", Roll=Odeg	W=+940", Rol	1=0deg	H.Ang=86deg
GOES 1 HXRBS 1 UVSP 1 Radio SW	14:29 14:29:30 14:23 14:23 Sweeps	Type/Int	End times 14:31 14:29:56 ntensity:	Importance=C1 Peakc/s=64 Wavelength=2788A V/1	Qua]=01 Qua]=01 Code=00	Tot Cts Exp #=7	Cts=244 #=79561	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=-250",Yaw≃+948"	, Yaw=+948"
Event # 88/12/08	= 9881 , 18:37		+	SMM Pointing:	N15E85			Pitch=-251", Yaw=+940", Roll=Odeg	W=+940", Rol		H.Ang=86deg
GOES 18:34 HXRBS 18:35:28 UVSP 18:35 Radio Sweeps Radio Frequen	8:34 8:35:28 8:35 8:35 eeps Frequen	8:34	18:42 18:35:46 18:35:46 ntensity: lux(sfu):	Importance=Cl Peakc/s=68 Wavelength=2788A III/2 8800/120	Qual=03 Qual=01 Code=00	Tot Cts Exp #=7	Cts=201 #=79566	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=-118",Yaw=+871"	, Yaw=+871"
Event # 88/12/08	= 9882 , 19:28	D0Y=343		SMM Pointing:	N15E85			Pitch=-251", Ya	, Yaw=+940", Roll=0deg		H.Ang=86deg
GOES 1 HXRBS 1 UVSP 1 Radio SW	Start 19:07 19:13:02 19:27 Sweeps	Type/Inte	End times 19:33 19:13:45 ntensity:	Importance=C1 Peakc/s=44 Wavelength=1375A V/1	Qua}=01 Qua}=01 Code=00	Tot Cts Exp #=7	Cts=235 #=79569	MaxkeV=101 Rast=10"x10"	Step=0"	Pitch=-250",Yaw=+914"	, Yaw=+914"
Event # 88/12/08	t # = 9883 2/08,20:06	D0Y=343	100 E	SMM Pointing:	N15E85			Pitch=-251", Ya	, Yaw=+940", Roll=Odeg	1=0deg	H.Ang=86deg
· 🚾	סיבס	20.06	20.14	Class=SF	N19E20	AR5	AR5265	Mac.≖DSO	Carr.Lon.=33deg	=33deg	H.Ang=27deg
HXRBS 2 UVSP 2 Radio	20:00:40 20:03 Frequency	0:00:40 20:00:52 20:01:0 0:03 Frequency(MHz)/Flux(sfu)	20:01:05 lux(sfu):	5. 0	Qual=01 Qual=01 A Code=01 606/220	Tot Cts Exp #=7	Cts=233 #=79573	MaxkeV=101 Rast=10"x10"	Step=0"	Pitch=-255",Yaw=+894"	, Yaw=+894"
											Annia Indiana Indiana

	=27deg	)	dt= 3.8s	Cad= 328s	Step=0" Pitch=-333"
	Carr. Lon. =27deg		#Peaks=1	Step=15"	Step=0"
	Mac. =DAI		FePeak.c/s=10	Rast=300"x240"	Rast=10"x10"
	N21E06 AR5265		FePeak=07:31		Exp #=79688
	N21E06	Qua]=01	Qual= 1		Code=00
	HaClass=SF	Importance=C2	CaPeak.c/s=57		Wavelength=1375A Code=00 Exp #=79688
End times		08:04			
D0Y=345 Peak		.: 0	07:33		
/ent # = 22056 3/12/10,07:33 Start	-	07:26	07:29		07:27
ent 3/12/	otica	ES	Š	'n	/SP

					88/12/09	9 DOY=344				
Event # = 11089 88/12/09,03:20 Start	: 11089 03:20 art	00Y=344	Fnd +imes	SMM Pointing:	N15E85		Pitch=-250", Yaw	, Yaw=+940", Roll=0deg	1=0deg	H.Ang=85deg
Optical	, 4	25.50	23.40	HaClass=1N	N21E20	AR5265	Mac.=DAO	Carr.Lon.=29deg	=29deg	H.Ang=29deg
HXRBS 03	03:16:05 03:16:05 02:52	03:20	6	Importance=MZ Peakc/s=1907 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=39100 Exp #=79615	MaxkeV=274 Rast=180"x1"	Flags=I Step=0"	Pitch=-118", Yaw=+871	, Yaw=+871"
.≩	Sweeps Frequen	eeps Type/Intensity Frequency(MHz)/Flux(sfu)		111/3 245/250 410/270 6	0051/909	1/3 5/250 410/270 606/1500 2695/64 4995/97	8800/190 15400/340	40		
Event # = 88/12/09,	9884	!		SMM Pointing:	N15E85		Pitch=-251", Yaw=+940", Roll=Odeg	=+940", Rol	1=0deg	H.Ang≈85deg
GOES 14:02 HXRBS 14:04:16 UVSP 13:50	:02 :04:16 :50	14:07 14:05:05	14:15 14:05:38	Importance=C2 Peakc/s=58 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=421 Exp #=79628	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=-118",Yaw=+871"	, Yaw=+871"
					88/12/10	0 D0Y=345				
	= 22055 0,02:35 Start	D0Y≈345 Peak	End times		1	1 0 0	:		-	-
Optical GOFS 02	.27	02:35			NZ1EU5 Oual=01	AK5Z65	Mac.=UA1	Carr.Lon.=3Udeg	=30deg	H.Ang=ZZdeg
BCS 02	02:33	02:34	02:37	CaPeak.c/s=24	Qual= 4	FePeak=02:33	FePeak.c/s=7		dt= 7.7s X	XEN=834500
UVSP 02 Radio Swee Radio F	02:19 weeps Frequen	O2:19 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	ntensity: lux(sfu):	Wavelength=2788A Code=01 III/3 245/480 410/94 606/75	Code=01 06/75	Exp #=79665	Rast=180"x1"	Step=0.	cad-1.02s Pitch=-228"	1.024s/pixel ,Yaw=+24"
Event # =	9886									
88/12/10,04:58 Start	04:58 art	D0Y=345 Peak	End times	SMM Pointing:	N21E05		Pitch=-361", Yaw=+79", Roll=Odeg	=+79",Roll	=0deg	H.Ang≈22deg
Optical	.53		05-13	HaClass=SN	N20E02	AR5265	Mac.=DAI	Carr.Lon.=33deg	=33deg	H.Ang=20deg
HXRBS 04	04:54 04:54	04:56 04:56	05:04 05:04	Peakc/s=539 CaPeak.c/s=501	Qual=01 Qual=1	Tot Cts=12687 FePeak=04:56	MaxkeV=186 FePeak.c/s=139	Flags=M5 #Peaks=1	dt= 3.8s	XEN=834501
_ O ;	04:58	T/oct.T	•	Wavelength=2788A	Code=02	Exp #=79668	kast=300"x240" Rast=180"x1"	Step=15" Step=0"	Lad= 328S Pitch=-228"	cad= 328s
Radio F	requen	reps (MHz)/Flux(sfu)	Jux(sfu):	245/2600 410/430	606/140	15/2600 410/430 606/140 2695/73 8800/99	15400/30			
Event # = 22056 88/12/10,07:33 Start	22056 07:33 art	D0Y=345 Peak	End times							
Optical GOFS 07	.26	07.33		HaClass=SF	N21E06	AR5265	Mac.=DAI	Carr.Lon.=27deg	=27deg	H.Ang≈22deg
BCS 07	07:29	07:33	07:44	CaPeak.c/s=57	Qual= 1	FePeak=07:31	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=834502
	07:27			Wavelength=1375A	Code=00	Exp #=79688	Rast=10"x10"	Step=13	pitch=-333"	cdd= 320s   1.0245/pixel Pitch=-333",Yaw=+67"

D0Y=344

88/12/09

Event # = 9886 88/12/10.14:50		D0Y=345	1	SMM Pointing:	N21W00		Pitch=-362", Yaw	, Yaw=+0", Roll=Odeg	)deg	H.Ang=22deg
Optical		Peak	End time	HaClass=SF	N20W04	AR5265	Mac.=DAI	Carr.Lon.=33deg	-33deg	H.Ang=21deg
GOES 1 HXRBS 1	14:20 14:14:39 14:50	14:50 14:25:17	16:49 14:26:15	Importance=M2 Peakc/s=133 Wavelength=2788A	Qual=02 Qual=03 Code=02	Tot Cts=25819 Exp #=79703	MaxkeV=186 Rast=180"x1"	Flags=EN Step=0"	Pitch=-230", Yaw=-82"	, Yaw=-82"
•	Sweeps Frequenc	Type/I :y(MHz)/F	eeps Type/Intensity: Frequency(MHz)/Flux(sfu):	1V/2 2695/160 4995/250		-				
Event # 88/12/10	1	DOY=345		SMM Pointing:	N21W02		Pitch=-362", Yaw=-28", Roll=Odeg	28", Roll=	-Odeg	H.Ang=22deg
Start GOES 16:51 HXRBS 16:48:34 BCS 16:52		Peak 16:59 16:49:48 16:54	End times 17:17 16:53:31 17:05	Importance=M1 Peakc/s=132 CaPeak.c/s=240	Qual=01 Qual=01 Qual= 1	Tot Cts=4258 FePeak=16:54	MaxkeV=143 FePeak.c/s=50	#Peaks=1 C+on=15:	dt= 3.8s Cad= 328c	XEN=834503
	17:30 Frequenc	:y(MHz)/F	17:30 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 245/1000 410/420		Exp #=79706	Rast=180"x1"		$\overline{}$	, Yaw=-105"
Event # 88/12/10	= 9888 ), 18:32	DOY=345	+	SMM Pointing:	N21W03		Pitch=-364", Yaw=-40", Roll=Odeg	40", Roll=	=0deg	H.Ang=22deg
GOES 1 HXRBS 1 UVSP 1	Start 18:30 18:29:25 18:24	reak 18:32 18:30:11	18:30 18:30	Importance=C4 Peakc/s=59 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=393 Exp #=79713	MaxkeV=101 Rast=10"x10"	Step=0"	Pitch=-300"	, Yаw=-42"
Event # 88/12/10	= 12770 ), 19:48	D0Y=345		SMM Pointing:	N21W03		Pitch=-364", Yaw	, Yaw=-54", Roll=Odeg	-Odeg	H.Ang=22deg
HXRBS 1 UVSP 1	Start 5 19:48:53 19:45	Peak 19:48:57	End times 7 19:49:08	Peakc/s=44 Wavelength=1375A	Qual=01	Tot Cts=101 Exp #=79723	MaxkeV=367 Rast=10"x10"	Flags=NS,( Step=0"	Flags=NS,GB Step=0" Pitch=-330"	, Yaw=-59"
Event # 88/12/10 60ES 2	t # = 22057 2/10,21:23 Start 21:15 21:20	D0Y=345 Peak 21:23 21:23	End times 21:49 21:28	Importance=C3 CaPeak.c/s=55	Qual=01 Qual= 1	FePeak=21:20	FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=834504
FCS UVSP 2				Wavelength=1375A	Code=00	Exp #=79736	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	_	1.024s/p1xel ",Yaw=-52"
Event # 88/12/10	t # = 9890 2/10,23:02	D0Y=345		SMM Pointing:	N21W05		Pitch=-364", Yaw	, Yaw=-80", Roll=0deg	=0deg	H.Ang=22deg
Optical	Start	Peak	End times		\$34E73	AR5275	Mac.=DSO	Carr.Lon.=312deg	=312deg	H.Ang=76deg
HXRBS	23:00:44 23:00:44	23:03:2( 23:03:2(	0 23:05:48	niportance-nz Peakc/s=708	Qual=01	Tot Cts=43161	MaxkeV=367	Flags=FS		Dur=120sec
UVSP Radio	22:52 Frequence	cy (MHz) / F	22:52 22:52 Frequency(MHz)/Flux(sfu):	Wavelength=1375 245/2900 410/29	Code=00 606/290	$\sim$	Rast=10"x10" 15400/53	Step=0"	Pitch=-355"	1
HXRBS 2	22:57:28	22:58:42			Associated Qual=01	Event # = 9889 Tot Cts=4862	MaxkeV=230	1 1 1	1 1 1 1	1 1 1 1 1 1

Event # 88/12/1	f = 9891 10,23:17 Start	न्ट	End +imos	SMM Pointing:	N21W05		Pitch=-364", Yaw=-80", Roll=Odeg	=-80", Roll=	-Odeg	H.Ang=22deg	1
GOES HXRBS UVSP Radio	GOES 23:15 HXRBS 23:17:01 UVSP 23:05 Radio Frequen	23:17 23:17:35 cy (MHz)/F	G 0	Importance=C2 Peakc/s=227 Wavelength=1375 245/420 410/37C	Qual=01 Qual=01 Tot C A Code=00 Exp #	Tot Cts=1818 Exp #=79752 95/16	MaxkeV=186 Rast=10"x10"	Step=0"	Pitch=-325",Yaw=-62"	, Yaw=-62"	
					88/12/11	1 D0Y=346					ı
Event # 88/12/1	Event # = 9892 88/12/11,01:05	DOY=346	() () () ()	SMM Pointing:	N21W06	I	Pitch=-364", Yaw	, Yaw=-94", Roll=Odeg	-0deg	H.Ang=23deg	
Optical GOFS	3tart 01:00	reak 01.05	S E	HaClass=SF	S34E72	AR5275	Mac.=0S0	Carr.Lon.=312deg	312deg	H.Ang=75deg	
HXRBS	01:03:15 00:24	01:03:50	01:05:04	Peakc/s=175 Wavelength=2788A	Qual=01 Code=00	Tot Cts=1675 Exp #=79759	MaxkeV=186 Rast=243"x243"	Step=3"	Pitch=-357", Yaw=-81"	, Yaw=-81"	
Event 4 88/12/1	Event # = 9893 88/12/11,01:12	DOY=346	fnd +imoc	SMM Pointing:	N21W06		Pitch=-364", Yaw	, Yaw=-94", Roll=0deg	:0deg	H.Ang=23deg	1
Optical	01.09	7.can		HaClass=SF	S34E72	AR5275	Mac.=DSO	Carr.Lon.=312deg	312deg	H.Ang=75deg	
HXRBS UVSP Radio S	01:09:23 00:24 Sweeps	01:09:53 Type/In	0:14 ity:	Importance-co Peakc/s=52 Wavelength=2788A III/2	Qual=01 Qual=01 Code=00	Tot Cts=244 Exp #=79759	MaxkeV=101 Rast=243"x243"	Step=3"	Pitch=-357",Yaw≕-81"	, Yaw=-81"	
Event # 88/12/1	1,05:20	,	ogmit + ball	SMM Pointing:	N21W09		Pitch=-364", Yaw	, Yaw=-136", Roll	, Roll=Odeg	H.Ang=23deg	1
GOES HXRBS UVSP	GOES 05:15 HXRBS 05:15:49 UVSP 04:54	05:20 05:17:33	05:25 05:21:48	Importance=C8 Peakc/s=276 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=4473 Exp #=79764	MaxkeV=143 Rast=180"x1"	Flags=FS Step=0"	Pitch=-230",Yaw=+52"	, Yaw=+52"	
Event # 88/12/1	Event # = 9894 88/12/11,07:27	D0Y=346	End +imag	SMM Pointing:	N21W09		Pitch=-364", Yaw	, Yaw=-148", Roll=Odeg	=0deg	H. Ang=24deg	1
Optical		7.27	S E	HaClass=SF	S34E69	AR5275	Mac.=DS0	Carr.Lon.=311deg	311deg	H.Ang=72deg	
HXRBS UVSP Radio		)7:24:16 (MHz)/F	0	Peakc/s=847 Wavelength=2788A 245/1300 410/800	Qual=01 Qual=01 Code=02 606/480	Tot Cts=11146 Exp #=79767 2695/130 8800/26	MaxkeV=230 Rast=180"x1"	Step=0"	Pitch=-230",Yaw=+29"	, Үам=+29"	
Event # 88/12/1	i = 9895 1,09:48 Start	00Y=346	somi+ bu:	SMM Pointing:	N21W11		Pitch=-364", Yaw=-174", Roll=0deg	174", Roll	=0deg	H.Ang=24deg	1
GOES HXRBS UVSP	09:39 S 09:46:28 O9:35	9:48 9:46:50 Tunny	വം വ	Importance=C2 Peakc/s=54 Wayelength=2788A	Qual=04 Qual=01 Code=01	Tot Cts=286 Exp #=79770	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=-230"	,Yaw=+12"	
Radio HXRBS	Frequenc 09:48:01	uency (MHz)/Flux(sfu)		245/640 410/110 6	606/43 Associated Qual=01	Event # = 9896 Tot Cts=96	MaxkeV=101		! !	1 1 1	. [

=-230" 230" 486", 486	# = 9897 /11,10:29 DOY=3	-	SMM Pointing:	N21W11		Pitch=-364", Yaw=-174", Roll=Odeq	W=-174", Roll	=0deq	H.Ang=24deg
SMM   Pointing   N21W1	Start Peak 10:25 10:29 10:25:43 10:26 10:41 Frequency (MHz	۰۰ ت	Imp Pea Way 245	Qual=01 Qual=01	Tot Cts=3035 Exp #=79771	MaxkeV=186 Rast=180"x1"	Step=0"	Pitch=-230'	', Yaw=+3"
Peakc/s=56 Qual=01 Tot Cts=321 Raste180"x1" Step=0" Pitch=-230" A10/24 Rast=180"x1" Step=0" Pitch=-230" Pitch=-	,		4	N21W11		Pitch=-364", Ya	w=-174", Roll	=0deg	H.Ang=24deg
SMM Pointing: N21W12	10:30:12 10:30 10:41 Frequency(MHz		Peakc/s=56 Wavelength=2788A 410/24	Qual=00 Qual=01	Tot Cts=321 Exp #=79771	MaxkeV=101 Rast=180"x1"	Step=0"	Pitch=-230'	', Yaw=+3"
Importance=C2	# = 9900 11,11:30 DOY=3	16 16	SM MM	N21W12		Pitch=-364", Yav	v=-187", Roll	=0deg	H.Ang=25deg
DOY=346  End times  HaClass=SF	11:29 11:30 11:30:34 11:30 11:10 Frequency (MHz)	11:32 :49 11:31:45 //Flux(sfu):	Importance=C2 Peakc/s=178 Wavelength=2788A 245/440	Qual=01 Qual=01 Code=01	Tot Cts=1134 Exp #=79772	MaxkeV=186 Rast=180"x1"	Flags=FS Step=0"	Pitch=-230"	, Yaw=-1"
16:40 17:10	1	Pag.	Pointing	N22W14		Pitch=-366", Yaw	r=-226", Roll	=0deg	H.Ang=26deg
16:17:06 16:18:00		17.10	HaClass=SF		AR5275	Mac.=DSO	Carr.Lon.=	311deg	H.Ang=68deg
DOY=346 Peak End times HaClass=SF S32E60 AR5275 Mac.=DS0 Carr.Lon.=312deg   HaClass=SF S32E60 AR5275 Mac.=DS0 Carr.Lon.=312deg	16:17	16:18:00	Peakc/s=97 Wavelength=2788A		Tot Cts=1240 Exp #=79779	MaxkeV=186 Rast=180"x1"	Step=0"	Pitch=-486"	,Yaw=-304"
22:47 22:49	1		1	S31E56		Pitch=+692", Yaw	/=-505", Roll	=90deg	H.Ang=61deg
Type/Intensity: III/I Step=0" Tot Cts=718 MaxkeV=101 Step=0" Pitch=+728"  Type/Intensity: III/I S45/83 410/850  Wavelength=1375A Code=00 Exp #=79822 Rast=10"x10" Step=0" Pitch=+728"  Type/Intensity: III/I S45/83 410/850  88/12/12 D0Y=347  Peak End times HaClass=SF S33E40 AR5273 Mac.=EKI Carr.Lon.=329deg  Mayelength=2788A Code=02 Exp #=79830 Rast=180"x1" Step=0" Pitch=+383"		22.40	Class=SF	\$32E60	AR5275	Mac.=DSO	Carr. Lon. =	312deg	H.Ang=65deg
D0Y=347 Peak End times HaClass=SF S33E40 AR5273 Mac.=EKI Carr.Lon.=329deg 03:53 04:00 Importance=C3 Qual=04 D3:54 03:56 CaPeak.c/s=27 Qual= 4 FePeak=03:53 FePeak.c/s=8 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Wavelength=2788A Code=02 Exp #=79830 Rast=180"x1" Step=0" Pitch=+383"	22:47:29 22:47: 22:46 Weeps Type Frequency (MHz)	o	c/s=88 length=1375A 33 410/850	Qual=01 Qual=01 Code=00	Tot Cts=718 Exp #=79822	MaxkeV=101 Rast=10"x10"		Pitch=+728"	, Yaw=-534"
D0Y=347  Peak End times  HaClass=SF S33E40 AR5273 Mac.=EKI Carr.Lon.=329deg  D3:53 04:00 Importance=C3 Qual=04  D3:54 03:56 CaPeak.c/s=27 Qual= 4 FePeak=03:53 FePeak.c/s=8 #Peaks=1 dt= 7.7s  Rast=0"x0" Step=0" Cad=1.02s  Mavelength=2788A Code=02 Exp #=79830 Rast=180"x1" Step=0" Pitch=+383"				88/12/12					
33:51 03:54 03:56	= 22058 2,03:53 D0Y=34 Start Peak 03:49 03:53	End times	Class=SF	S33E40		Mac.=EKI	Carr.Lon.=	329deg	H.Ang=50deg
	3:51 3:54		tk.c/s=27 ength=2788A	Qual= 4 Qual= 4 Code=02	FePeak=03:53 Exp #=79830	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"		=	XEN=834700 1.024s/pixel .Yaw=+596"

Event # = 9904 88/12/12,07:43	D0Y=347	- 1	SMM Pointing:	S31E52		Pitch=+504", Yaw	, Yaw=+657", Roll:	, Roll=Odeg	H.Ang=58deg
Start Optical	Peak	End times	Class=1N	N32E12	AR5269	Mac.=AXX	Carr.Lon.=355deg		H.Ang=35deg
GOES 07:35 HXRBS 07:35:37 UVSP 07:28	07:43 7 07:36:25	08:40 5 07:37:08	Importance=U8 Peakc/s=45 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=427 Exp #=79835	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+383"	, Yaw=+580"
Event # = 9903 88/12/12,09:44	D0Y=347	'	SMM Pointing:	S31E51		Pitch=+504", Yaw	, Yaw=+646", Roll	, Roll=Odeg	H.Ang=57deg
Start Optical	a 6	E E	HaClass=1B	\$14E35	AR5272	Mac.=HRX	Carr.Lon.=331deg		H.Ang=37deg
GOES 09:39 HXRBS 09:41:57 UVSP 10:08	09:44 7 09:42:20	10:00 09:42:53	Importance=L4 Peakc/s=54 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=456 Exp #=79838	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+383"	, Yaw=+567"
Event # = 9905 88/12/12,14:20	DOY=347	1 9	SMM Pointing:	S31E48		Pitch=+503", Yaw	, Yaw=+616", Roll=0deg		H.Ang≕55deg
Start Feak End UNI GOES 14:19 14:20 14:23 HXRBS 14:20:11 14:20:15 14:20:2 UVSP 14:50 Radio Frequency(MHz)/Flux(sfu)	Peak 14:20 1 14:20:1! 1cy (MHz)/	ရွိး တွင္း	Importance=C2 Peakc/s=60 Wavelength=2788A 245/650	Qua]=01 Qua]=01	Tot Cts=175 Exp #=79844	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+382",Yaw=+543"	, Үам=+543"
Event # = 9906 88/12/12,15:47	D0Y=347	-	SMM Pointing:	S31E48		Pitch=+503", Yaw	, Yaw=+616", Roll	, Roll=Odeg	H.Ang=55deg
Start Optical	Peak	End times	HaClass=SF	N20W24	AR5265	Mac.=CAO	Carr.Lon.=27deg	:27deg	H.Ang=31deg
GOES 15:44 HXRBS 15:44:41 BCS 15:46	15:47 1 15:44:46 15:47	15:50 6 15:45:09 15:50	<pre>Importance=C3 Peakc/s=57 CaPeak.c/s=53</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=231 FePeak=15:46	MaxkeV=102 FePeak.c/s=21	#Peaks=1	dt= 3.8s X	XEN=834701
FCS UVSP 15:45			Wavelength=1375A	Code=00	Exp #=79851	Rast=10"x10"		cad-30403 Pitch=+502"	, Yaw=+500"
Event # = 9907 88/12/12,20:17			SMM Pointing:	S31E46		Pitch=+503", Yaw=+594", Roll=Odeg	#=+594", Roll	l=0deg	H.Ang≈53deg
Start GOES 20:13 HXRBS 20:13:20 UVSP 20:12	20:17 6 20:14:09	20:32 9 20:15:02	Importance=C3 Peakc/s=98 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=1292 Exp #=79881	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+496"	, Yaw=+476"
Event # = 9908 88/12/12,21:50	D0Y=347		SMM Pointing:	S31E44		Pitch=+502", Yaw	, Yaw=+584", Roll	, Roll=Odeg	H.Ang=52deg
Start Optical	- '	End time	HaClass=SN	\$33E50	AR5275	Mac.=ESO	Carr.Lon.=309deg	=309deg	H.Ang≈57deg
21:4/ 21:47: 21:49	21:50 35 21:48:52 21:50	22:02 i2 21:49:55 21:58	Importance=L4 Peakc/s=272 CaPeak.c/s=175	Qual=01 Qual=01 Qual= 1	Tot Cts=3798 FePeak=21:50	MaxkeV=186 FePeak.c/s=27	Flags=Ml #Peaks=1 S+en=10"	dt= 3.8s X Cad= 590c 1	XEN=834702 1.024s/pixel
FCS UVSP 21:47 Radio Sweeps Radio Freque	Type/ ncy (MHz)/	21:47 Type/Intensity: Sweeps Type/Intensity: Frequency(MHZ)/Flux(sfu):	Wavelength=1375A C 111/1 245/430 410/630	Code=00	Exp #=79891	Rast=10"x10"	Step=0"	Pitch=+526"	, Yaw=+622"

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code de medicalenta administrativa de la managa re de a glavesta ante i destre (glaves) per la lightesta de l'India de l'adgration de l'estant de la companie de la compani

Likskinder, in eit spielisching ist die eine eine eine eine Schriftsprechkinde der Gestelle die seine der Gestelle Gestelle der Gestelle G

Start Peak End times  22:05 22:06 22:08 22:06:38 22:06:31 Peak¢/s-87 Qual=01 22:08 22:06:38 22:06:31 Peak¢/s-87 Qual=01 22:08 22:06 22:08 22:06:38 22:06:31 Peak¢/s-87 Qual=01 22:08 22:06:38 22:06:31 Peak¢/s-87 Qual=01 22:08 22:06:38 22:06:31 Peak¢/s-87 Qual=01 22:08 22:06:31 22:06:32 22:06:31 Peak¢/s-87 Qual=01 22:08 22:06:31 DOY=348 22:06:31 DOY=348 24:15 DOY=348 24:15 Peak 24:15 Peak 24:15 DOY=348 24:15 Peak 24:16 Peak 24:16 Pe	: S31E44 P	Pitch=+502", Yaw=+584", Roll=Odeq	]=Odeq H.Ang=52deg
9910  10:31  10:34  10:35  10:31  10:39  10:28:00  10:28	Qual=01 Qual=01 Tot Cts=554 Code=00 Exp #=79894	MaxkeV=143 Rast=10"x10" Step=0"	=+526"
9910 10:31			
1:25	S31E38	Pitch=+499", Yaw=+510", Roll=Odeg	l=0deg H.Ang=47deg
10.131   10.	N20W37 AR5265	Mac.=CAO Carr.Lon.=29deg	=29deg H.Ang=42deg
### Pack	Qual=01	MaxkeV=628 Flags=M1	
9911 21:36 14:16:48 14:18:15 Peak End times 19912 19913 19914 19915 19915 19915 19915 19915 19915 19915 19915 19915 19915 19915 19915 19916 19917 19917 19918 19918 19918 19918 19919 199919 199	Exp #=79925	Rast=180"x1" Step=0"	Pitch=+381", Yaw=+435"
9911 14:19	4995/310		
### Feak End times   Harroclass=SF   N32W06   AR5269	S31E32	Pitch=+500", Yaw=+446", Rol	,Roll=Odeg H.Ang=43deg
14:13	N32W06 AR5269	Mac.=AXX Carr.Lon.=356deg	=356deg H.Ang=33deg
# = 9912 Start Peak End times Start Peak End times 19:43 Importance=C2 Qual=O1 Tot Cts=322   19:39:39 19:39:44 19:40:02 Peakc/s=56 Qual=O1 Tot Cts=322   19:39:39 19:39:44 19:40:02 Peakc/s=56 Qual=O1 Tot Cts=322   19:39:39 19:39:44 19:40:02 Peakc/s=56 Qual=O1 Tot Cts=322   19:39:39 19:39:44 19:40:02 Peakc/s=56 Qual=O1 Tot Cts=68   13.21:30	Qual=03 Qual=01 Tot Cts=1679 8A Code=00 Exp #=79930	MaxkeV=102 Rast=180"x1" Step=0"	Pitch=+379", Yaw=+371"
June 19:41	S31E29	Pitch=+499", Yaw=+406", Roll=Odeg	l=0deg H.Ang=41deg
# = 9914 Start Peak End times HaClass=SF S31E13 AR5273 21:28 21:30 21:33 Importance=C2 Qual=O1 Tot Cts=68 21:28 21:28:33 21:28:38 Peakc/s=46 Qual=O1 Tot Cts=68 21:27 Wavelength=1375A Code=O0 Exp #=79961 # = 9913 \$8/12/14 DOY=349 Start Peak End times HaClass=SF S33E31 AR5275 02:16 02:19 02:26 Importance=C3 Qual=O1 Tot Cts=228 02:16:59 02:17:27 02:17:37 Peakc/s=54 Qual=O1 Tot Cts=228 02:16:59 02:17:37 Peakc/s=36 Qual=O1 Tot Cts=228	Qual=01 Qual=01 Tot Cts=322 Code=00 Exp #=79948	MaxkeV=102 Flags=ND Rast=10"x10" Step=0"	Pitch=+493", Yaw=+307"
21:28 21:30 21:33 Importance=C2 Qual=01 Tot Cts=68 21:27 21:28 21:28:33 21:28:38 Peakc/s=46 Qual=01 Tot Cts=68 Wavelength=1375A Code=00 Exp #=79961	S31E28	Pitch=+499", Yaw=+395", Rol	,Roll=Odeg H.Ang=41deg
21:28:26 21:28:38	S31E13 AR5273	Mac.=EKI Carr.Lon.=333deg	=333deg H.Ang=33deg
# = 9913 2/14,02:19 DOY=349 SMM Pointing: S31E26 Start Peak End times HaClass=SF S33E31 AR5275 02:16 02:19 02:26 Importance=C3 Qual=01 Tot Cts=228 5 02:16:59 02:17:27 02:17:37 PeakC/s=54 Qual=01 Tot Cts=228 02:18 02:18 02:21 CaPeak.c/s=36 Qual= 1 FePeak=02:18	Qual=01 Tot Cts=68 Code=00 Exp #=79961	MaxkeV=102 Rast=10"x10" Step=0"	Pitch=+498", Yaw=+299"
2/14,02:19			
Jear Car Lines HaClass=SF 533E31 AR5275 cal 02:16 02:19 02:26 Importance=C3 Qual=01 color:16:59 02:17:27 02:17:37 Peakc/s=54 Qual=01 Tot Cts=228 color:18 02:18 02:21 CaPeak.c/s=36 Qual= 1 FePeak=02:18	531E26	Pitch=+499",Yaw=+364",Rol	, Roll=Odeg H.Ang=39deg
\$ 02:16:59 02:17:27 02:17:37 Peakc/s=54 Qual=01 Tot Cts=228 02:18 02:18 02:21 CaPeak.c/s=36 Qual= 1 FePeak=02:18	\$33E31 AR5275	Mac.=EAO Carr.Lon.=313deg	=313deg H.Ang=43deg
	Qual=01 Tot Cts=228 Qual= 1 FePeak=02:18	MaxkeV=102 FePeak.C/s=9 #Peaks=1	dt= 7.7s XEN=834900
01:53 Wavelength=2788A Code=00 Exp #=79992	Code=00 Exp #=79992		Pitch=+506", Yaw=+377"

DOY=349	Event # = 9917 88/12/14,05:13	1	D0Y=349	1	SMM Pointing:	S32E24		Pitch=+499", Ya	, Yaw=+342", Roll=0deg	l=0deg	H.Ang=38deg	ı
DV=349  SMM Pointing: S32E23  DV=349  Exp f=79995  Rast=180"x1" Step=0"  Wavelength=2788A  DV=349  Exp f=79995  Rast=180"x1" Step=0"  Wavelength=2788A  DV=349  Exp f=79995  Rast=180"x1" Step=0"  Ract=180"x1" Step=0"  DV=349  Back:c/s=113  DV=349  SMM Pointing: S32E23  DV=349  Rast=180"x1" Step=0"  Ract=180"x1" Step=0"  Carr.Lon.=  DV=349  Rast=180"x1" Step=0"  Carr.Lon.=  DV=349  Rast=180"x1" Step=0"  DV=349  DV=349  Rast=180"x1" Step=0"  DV=349  DV=349  DV=349  SMM Pointing: S32E23  DV=3499  Rast=180"x1" Step=0"  DV=349  Rack=102  DV=349  Rack=102  Rack=102  Rack=102  Rack=102  Rack=102  Rack=102  Rack=102  Rack=102  Rack=102  Rack=102  Carr.Lon.=  DV=349  Rack=102  Rack=103  Rack=102  Rack=103  Rack=103  Rack=102  Rack=103	Optical	orari re	. ak	Erid Cimes	HaClass=SF	N20E33	AR5279	Mac.=DSO	Carr.Lon.	=309deg	H.Ang=38deg	
DOY=349  Peak End times Peak BarClass=SF Pointing: S32E23 Pitch=+499", Yaw=+332", Roll Peak Peak Peak Type/Intensity: 111/2  Type/Intensity: 111/2  Type/Intensity: 111/2  Type/Intensity: 111/2  DOY=349  End times Peak Type/Intensity: 111/2  DOY=349  DOY=349  DOY=349  End times Peak Pointing: S32E23  DOY=349  Pitch=+499", Yaw=+332", Roll Peak Peak Peak Peak Peak Peak Peak Peak	HXRBS UVSP Radio	05:09:53 05 05:09:53 05 04:50 Frequency(	:11:06 MHz)/F	05:11:59 05:11:59 lux(sfu):	&⊗	Qual=01	Tot Cts=1815 Exp #=79995	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+378",Yaw=+273	', Yaw=+273"	
06:38	Event # 88/12/1	1	Y=349	1	SM	S32E23		Pitch=+499", Ya	aw=+332", Rol	]=0deg	H.Ang=38deg	
06:33:43 06:40:1	Optical		. 20		Ha.	N18E31	AR5279	Mac.=0S0	Carr.Lon.	=310deg	H.Ang=36deg	
DOY=349  DOY=349  End times  Mavelength=2788A  Cyual=01  DOY=349  DOY=349  DOY=349  DOY=349  DOY=349  DOY=349  DOY=349  End times  Mavelength=2788A  Cy(MHz)/Flux(sfu):  DOY=349  SMM Pointing: S32E23  DOY=349  DOY=349  Exp #=79998  Raxtel102  Raxtel=102  1"  Step=0"  DOY=349  Exp #=80000  Raxtel=80"x1"  Step=0"  DOY=349  Exp #=80002  Raxtel=80"x1"  DOY=349  SMM Pointing: S32E22  Cy(MHz)/Flux(sfu):  DOY=349  Exp #=80002  Raxtel=80"x1"  DOY=349  Raxtel=80"x1"  Step=0"  DOY=349  Raxtel=80"x1"  Step=0"  DOY=349  Raxtel=80"x1"  Step=0"  DOY=349  Raxtel=180"x1"  Step=0"  DOY=349  Raxtel=80"x1"  Step=0"  DOY=349  Raxtel=180"x1"  Step=0"  Raxtel=499", Yaw=+330", Roll  Pitch=+499", Yaw=+320", Roll  Raxtel=80"x1"  Step=0"  DOY=349  Raxtel=180"x1"  Step=0"  Raxtel=80"x1"  Raxtel=80"x1"  Step=0"  Raxtel=80"x1"  Raxtel=80"x1"  Step=0"  Raxtel=80"x1"  Raxtel=80"x1"  Step=0"  Raxtel=80"x1"  Raxtel=80	HXRBS HXRBS UVSP Radio S Radio	06:32:47 06 06:32:47 06 06:22 Weeps Frequency(	133:43 Type/II MHz)/F	06:40:21 ntensity: lux(sfu):	rtance=co c/s=66 length=2788 2 340 606/58	Qual=01 Qual=01 Code=01 95/25 88	Tot Cts=3259 Exp #=79997 00/18	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+378",Yaw=+262"	', Yaw=+262"	
07:13:28 07:13:57 Peakc/s=49 Qual=01 Tot Cts=119 MaxkeV=102  07:13:28 07:13:57 Peakc/s=49 Qual=01 Tot Cts=119 MaxkeV=102  07:13:28 07:13:57 Peakc/s=49 Qual=01 Tot Cts=119 MaxkeV=102  08:47 08:51 Importance=C7 Qual=01 Tot Cts=4195 Mac.=DSO Carr.Lon.= 08:45:08 08:46:30 Peakc/s=110 Qual=01 Tot Cts=4195 MaxkeV=186 MaxkeV=186 MaxkeV=186 MaxkeV=186 MaxkeV=186 MaxkeV=186 MaxkeV=186 MaxkeV=186 MaxkeV=180"x1" Step=0"  00:47 08:51 Importance=C7 Qual=01 Tot Cts=4195 Mac.=DSO Carr.Lon.= 06/110 2695/29 8800/18 Exp #=80000 Rast=180"x1" Step=0"  00:47 08:51 Importance=C7 Qual=01 Tot Cts=4195 MaxkeV=180"x1" Step=0"  00:47 08:51 Importance=C6 Qual=01 Tot Cts=36050 MaxkeV=274 Flags=M1 10:19 10:14:09 Peakc/s=1096 Qual=01 Tot Cts=36050 MaxkeV=274 Flags=M1 10:10:10:19 10:14:09 Peakc/s=1096 Qual=01 Tot Cts=36050 MaxkeV=230 I5400/240  00:48	Event # 88/12/1	1	Y=349	1	SMM Pointing	S32E23		Pitch=+499", Ya	aw=+332", Rol	1=0deg	H.Ang=38deg	1
DOY=349  Back End times  HaClass=SF N17E30  Backc/s=1100  Backc/s=110	GOES HXRBS UVSP		:13:28	_	Peakc/s=49 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=119 Exp #=79998		Step=0"	Pitch=+378",	', Yaw=+255"	
08:47 08:51	Event # 88/12/1	1	Y=349	+ 100	SMR	S32E23		Pitch=+499", Ya	aw=+320", Rol	1=0deg	H.Ang=37deg	1
O8:45:08 08:46:30 Peak.:.c/s=10 Qual=01 Tot Cts=4195 MaxkeV=186  Wavelength=2788A  Cy(MHz)/Flux(sfu): 606/110 2695/29 8800/18  D0Y=349  D0Y=349  SMM Pointing: S32E22  D0Y=349  In:14:15 11:30:20 Peakc/s=86  Qual=02 Tot Cts=4195 MaxkeV=286  Rast=180"x1" Step=0"  S22E22  Pitch=+499", Yaw=+309", Roll  Rast=180"x1" Step=0"  Pitch=+499", Yaw=+309", Roll  Rast=180"x1" Step=0"  Pitch=+499", Yaw=+309", Roll  Rast=180"x1" Step=0"  O0Y=349  SMM Pointing: S32E21  Qual=00  In:14:15 11:30:20 Peakc/s=86 Qual=02 Tot Cts=16477 MaxkeV=230 Flags=SN  Wavelength=2788A  Exp #=80002  Pitch=+499", Yaw=+298", Roll  Rast=180"x1" Step=0"  Rast=180"x1" Step=0"  Rast=180"x1" Step=0"  Rast=180"x1" Step=0"  Rast=180"x1" Step=0"  Rast=180"x1" Step=0"  Rast=180"x1" Step=0"  Rast=180"x1" Step=0"	Optical		ak .47	CIIU LIIIE:	HaClass=SF	N17E30	AR5279	Mac.=DS0	Carr.Lon.	=310deg	H.Ang=35deg	
DOY=349 SMM Pointing: S32E22 Pitch=+499", Yaw=+309", Roll Peak End times Importance=C6 Qual=01 Tot Cts=36050 MaxkeV=274 Flags=M1 10:10:19 10:14:19 Peakc/s=1096 Qual=01 Tot Cts=36050 MaxkeV=274 Flags=M1 10:10:19 10:14:19 Peakc/s=1096 Qual=01 Tot Cts=36050 MaxkeV=274 Flags=M1 10:10:19 10:14:19 Peakc/s=86 Qual=02 Tot Cts=16477 MaxkeV=230 Flags=SN Havelength=2788A Exp #=80003 Rast=180"x1" Step=0" 11:14:15 11:30:20 Peakc/s=86 Qual=02 Tot Cts=16477 MaxkeV=230 Flags=SN Mayelength=2788A Exp #=80003 Rast=180"x1" Step=0"	HXRBS UVSP Radio	$\sim$	:45:08 MHz)/F	08:46:30 lux(sfu):	Importance-C/ Peak.:.c/s=110 Wavelength=2788A 606/110 2695/29 8	Qual=01	Tot Cts=4195 Exp #=80000	MaxkeV=186 Rast=180"x1"	Step=0"	Pitch=+378",Yaw=+244"	', Yaw=+244"	
10:14 10:19   Peakc/s=1096   Qual=01   Tot Cts=36050   MaxkeV=274   Flags=M1   10:10:19   10:14:19   Peakc/s=1096   Qual=01   Tot Cts=36050   MaxkeV=274   Flags=M1   10:14:00   Wavelength=2788A   Exp #=80002   Rast=180"x1"   Step=0"    Cy (MHz)/Flux(sfu): 410/65 606/210 1415/93 2695/100 4995/160 8800/280 15400/240    DOY=349   SMM Pointing: S32E21   Pitch=+499", Yaw=+298", Roll   Peak	Event # 88/12/1	1	Y=349	omi+ ban	SM	S32E22		Pitch=+499", Ya	aw=+309", Rol	1=0deg	H.Ang=37deg	1
Cy (MHz)/Flux(sfu): Wavelength=2788A Exp #=80002 Rast=180"x1" Step=0"		10:08 10:08 10:09:30 10	: 14 : 10: 19	10:19 10:19 10:14:19	Importance=C6 Peakc/s=1096	Qual=01 Qual=01	Tot Cts=36050	MaxkeV=274	Flags=M1			•
DOY=349 SMM Pointing: S32E21 Pitch=+499", Yaw=+298", Roll Peak End times Qual=00 Tot Cts=16477 MaxkeV=230 Flags=SN Havelength=2788A Exp #=80003 Rast=180"x1" Step=0"		10:33 Frequency(	MH2)/F	lux(sfu):		15/93 26		Rast=180"x1" 8800/280 15400,	Step=0" /240	Pitch=+377",Yaw≖+233"	', Yaw=+233"	
Qual=00	Event # 88/12/1	l l	Y=349	Fnd +imag	SMM	S32E21		Pitch=+499", Ya	aw=+298", Rol	]=0deg	H.Ang=37deg	1
	GOES HXRBS UVSP	i	:14:15	11:30:20	Peakc/s=86 Wavelength=2788A	Qua]=00 Qua]=02	Tot Cts=16477 Exp #=80003		Flags=SN Step=0"	Pitch=+378",Yaw=+229"	', Yaw=+229"	ı

Event 88/12/	Event # = 9922 88/12/14,11:43	D0Y=349		SMM Pointing:	S32E21		Pitch=+499", Yaw=+298"	r=+298", Roll	, Roll=Odeq	H.Ang≈37deg
GOES HXRBS UVSP	Start 11:43:45 12:07		End times 11:44:08	Peakc/s=59 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=134 Exp #=80004	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+377",Yaw=+222"	, Yaw=+222"
Event 88/12/1	Event # = 9923 88/12/14,11:53 Start GOES HXRBS 11:52:45 HXRBS 12:07	DOY=349 Peak 11:53:58	End times 11:54:45	SMM Pointing: Peakc/s=59	\$32E21 Qual=00 Qual=01	Tot Cts=794	Pitch=+499", Yaw MaxkeV=102	, Yaw=+298", Roll=0deg	1260	H.Ang=37deg
Event # 88/12/1	: # = 9916 2/14,12:57	DOY=349		SMM Pointing:	S32E20		Pitch=+499", Yaw	Yaw=+287", Roll	. Roll=0dea	H. Ana=36dea
Optical		Peak	End time		N25E74	AR5278	Mac.=EKO	Carr.Lon.=264deg		H.Ang=76deg
HXRBS BCS FCS	12:54:08 12:47	12:54:57 12:56 12:56	12:56:01 13:01	Peakc/s=150 CaPeak.c/s=176	Qual=01 Qual=01 Qual= 1	Tot Cts=3452 FePeak=12:56	MaxkeV=102 FePeak.c/s=42	#Peaks#2	dt= 7.7s	XEN=834901
UVSP	12:37			Wavelength=2788A	Code=01	Exp #=80005	Rast=180"x1"		=	1.0245/plxe1 ,Yaw=+218"
Event # 88/12/1	Event # = 9924 88/12/14,13:39 Start	DOY=349	Fnd times	SMM Pointing:	S32E20		Pitch=+499", Yaw	, Yaw=+287", Roll	, Roll=Odeg	H.Ang=36deg
Optical	13:36	13.39		HaClass=1B	N30E63	AR5278	Mac.=EKO	Carr.Lon.=274deg		H.Ang=67deg
HXRBS	13:36:09	13:37:23			Qual=01	Tot Cts=1.61E+5				
uvsp uvsp Radio	13:37:00 13:40 Frequenc	cy (MHz)/F	13:37:00 13:40 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 245/1900 410/670	Code=02 606/160	Exp #=80006 1415/110 2695/160	Dur=120sec Rast=180"x1" Step=0" Pitch=+377",Yaw=+210" 50 4995/180 8800/410 15400/660	Step=0" 410 15400/6	Pitch=+377" 60	Dur=120sec ,Yaw=+210"
12.5	# = 22060 14,14:35 Start	00Y=349 Peak	End times							
8CS BCS	14:25	14:35	14:47	CaPeak.c/s=49	Qual=00 Qual= 1	FePeak=14:31	FePeak, c/s=15			XEN=834902
UVSP	14:11			₩avelength=2788A		Exp #=80007	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=-555"	1.024s/pixel ',Yaw=+706"
Event # 88/12/1	t = 9925 4,17:41 Start		+ i	SMM Pointing:	N26E60		Pitch=-434", Yaw	, Yaw=+763", Roll=0deg		H.Ang=64deg
GOES HXRBS BCS BCS	17:30 17:29:26 17:28	17:41 17:33:28 17:39	^	Importance=Ml Peakc/s=598 CaPeak.c/s=961	Qual=01 Qual=01 Qual= 1	Tot Cts=53999 FePeak=17:36	MaxkeV=230 FePeak.c/s=309		dt= 7.7s	XEN=834903
	17:32 Frequenc	cy (MHz)/F		Wavelength=1375A 245/70 606/65 141	Code=00 5/73 2695	Exp #=80014 5/140 4995/180 8	Kast=240"x240" Rast=10"x10" 8800/180	Step=10" (Step=0"	_	1.024s/p1xel ",Yaw=+739"
HXRBS UVSP	17:48:12 17:45	17:51:15	17:59:24		sociated Qual=01	Exp #= 9926 Tot Cts=3676 Exp #=80017	MaxkeV=102 Rast=10"x10"	Step=0"	 Pitch=-455"	, Yaw=+768"

Event # 88/12/1	t # = 9927 2/14,19:08 Start	DOY=349	End times	SMM Pointing:	N26E60		Pitch=-434", Yaw=+763", Roll=Odeg	=+763", Ro1	1=0deg	H.Ang=64deg
Optical	Jtai t	r G	ر = ا	HaClass=SF	S31E12	AR5273	Mac.=EAO	Carr.Lon.=322deg	=322deg	H.Ang=32deg
HXRBS UVSP	19:08:19 19:07	19:08:31	. 19:08:50	Peakc/s=50 Wavelength=1375A	Qual=01	Tot Cts=146 Exp #=80024	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-465",Yaw=+693"	', Yaw=+693"
Event # 88/12/1	= 9928 4,19:16	DOY=349	Fod +	SMM Pointing:	N26E60		Pitch=-434", Yaw=+763", Roll=Odeg	=+763", Rol	1=0deg	H.Ang=64deg
GOES HXRBS UVSP	19:13 19:14:14 19:07		19:18 19:14:47	Importance=C4 Peakc/s=103 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=367 Exp #=80024	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-465",Yaw=+693	', Yaw=+693"
Event # 88/12/1	: # = 22061 2/14,19:21 Start	DOY=349 Peak	Fnd times							
GOES	19:17		19:27	CaPeak.c/s=33	Qual=00 Qual= 1	FePeak=19:19	FePeak, c/s=9	#Peaks=1	dt= 7.7s	XEN=834904
NSP UVSP	19:20			Wavelength=1375A		Exp #=80027	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-416",	1.024s/p1xel ",Yaw=+702"
Event # 88/12/1	: # = 22062 2/14,19:32 Start	D0Y=349 Peak	End times							
SCS BCS SSS	19:31	19:32	19:35	CaPeak.c/s=22	Qual=00 Qual= 4	FePeak=19:31	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=834905
UVSP	19:20			Wavelength=1375A		Exp #=80027	Rast=U xU Rast=10"x10"	Step=0" Step=0"	pitch=-416",	1.024s/pixel ',Yaw=+702"
Event 4 88/12/	Event # = 9929 88/12/14,20:39	DOY=349	Fnd times	SMM Pointing:	N26E59		Pitch=-435", Yaw	, Yaw=+750", Rol	, Roll=Odeg	H.Ang=63deg
Optica GOES	  -   20:33		20:45	HaClass=1N Importance=M1	S33E12 Qual=01			Carr.Lon.=321deg	=321deg	H.Ang=34deg
HXRBS BCS BCS	20:34:42 20:34	20:36:04 20:34	20:37:56 20:38	Peakc/s=101 CaPeak.c/s=21	Qual=01 Qual= 5	Tot Cts=3440 FePeak=20:35	MaxkeV=102 FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=834906
UVSP Radio S	20:37 Sweeps	Type/I	Type/Intensity:	Wavelength=1375A V/2	Code=00	Exp #=80031	Rast=265"x265"	Step=5"		1.0243/p1xe1 ",Yaw=+763"
Event 88/12/	Event # = 22063 88/12/14,20:56 Start	DOY=349 Peak	End times		1					
GOES BCS SCS	20:53 20:53		21:06 21:13	Importance=C4 CaPeak.c/s=117	Qual=01 Qual= 1	FePeak=20:55	FePeak.c/s=20	#Peaks=1	dt= 3.8s	XEN=834907
UVSP	20:54			Wavelength=1375A Code=00	Code=00	Exp #=80037	Rast=10"x10"			", Yaw=+840"

	NAXX.									
88/12,	Event # = 9930 88/12/14,22:17 Start	DOY=349 Peak	Fnd times	SMM Pointing:	N26E59		Pitch=-435", Ya	, Yaw=+750", Roll=0deg	11=0deg	H.Ang=63deg
Optica GOES	,	<b>5</b>		HaClass=SF	N29E57	AR5278	Mac.=EKO	Carr.Lon.=276deg	.=276deg	H.Ang=62deg
HXRBS BCS FCS	22:15:18 22:16	22:16:19 22:17	22:16:19 22:17:05 22:17 22:21	Peakc/s=85 CaPeak.c/s=42	Qual=01 Qual=1	Tot Cts=961 FePeak=22:17	MaxkeV=102 FePeak.c/s=11	#Peaks=1		XEN=834908
UVSP	22:13			₩avelength=1375A		Exp #=80044	Rast=300"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 328s Pitch=-481"	
	* 3000				88/12/15	5 DOY=350				
88/12/	Event # = 22054 88/12/15,00:31 Start	D0Y=350 Peak	End times							
BCS UVSP	00:30 23:49	00:31	00:32	CaPeak.c/s=39 Wavelength=1375A	Qual=00 Qual= 2	FePeak=00:31 Exp #=80052	FePeak.c/s=10 Rast=70"x70"	#Peaks=1 Step=5"	dt= 7.7s Pitch=-428'	dt= 7.7s XEN=835000 Pitch=-428",Yaw=+749"
Event 88/12/	Event # = 22065 88/12/15,01:16 Start	D0Y=350 Peak	End times							
GOES BCS FCS	01:15	01:16	02:11	CaPeak.c/s=70	Qual=00 Qual= 5	FePeak=01:22	FePeak.c/s=7		dt= 7.7s	XEN=835001
UVSP Radio	UVSP 01:20 Radio Sweeps	Type/In	Type/Intensity:	Wavelength=2788A III/2		Exp #=80053	Rast=240"x240" Rast=243"x243"		Cad= 590s 1 Pitch=-429",	1.024s/pixel ', Yaw=+742"
Event 88/12/	= 9931 5,01:38 Start	D0Y=350 Peak	Fnd times	SMM Pointing:	N26E56		Pitch=-435", Yaw	, Yaw=+730", Rol	, Roll=Odeg	H. Ang=60deg
Optica GOES				HaClass≖SF	N21E23	AR5279	Mac.=DSI	Carr.Lon.=308deg	=308deg	H.Ang=31deg
HXRBS (UVSP (	01:37:33 01:38:04 01:38:56 01:20	01:38:04	01:38:56	Peakc/s=58 Wavelength=2788A	(ua]=00 (ua]=01	Tot Cts=598 Exp #=80053	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-429", Yaw=+742"	, Yaw=+742"
Event 88/12/	Event # = 9932 88/12/15,03:04 Start	D0Y=350 Peak	Fnd times	SMM Pointing:	N26E56		Pitch=-435", Yaw	, Yaw=+730", Roll=0deg	1=0deg	H. Ang=60deg
GOES HXRBS UVSP Radio		03:04:43 y(MHz)/FT	•	Peakc/s=81 Wavelength=2788A 15400/79	Qual=00 Qual=01	Tot Cts=330 Exp #=80054	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-302",Yaw=+653"	, Үам=+653"
Event #88/12/1	Event # = 22066 88/12/15,03:07   Start	D0Y=350 Peak	End times							
BCS PCS WSP	03:06 (	03:07	03:11	CaPeak.c/s=23 Wavelength=27884	Qual=00 Qual= 4	FePeak=03:07	FePeak.c/s=7 Rast=0"x0"		dt= 7.7s X Cad=1.02s 1	XEN=835002 1.024s/pixel
						LAP # -00034	Kd51-10U XI	orep=0	P1tcn=-302"	, Yaw=+653"

1	26001 - "									
Event 88/12/	88/12/15,03:26	DOY=350	+ + + + + + + + + + + + + + + + + + +	SMM Pointing: N	N26E55		Pitch=-436",Yaw=+720",Roll=Odeg	+720",Roll		H.Ang=60deg
GOES HXRBS UVSP		reak 03:26:51	^	Peakc/s=73   Wavelength=2788A	Qual=00 Qual=01	Tot Cts=121 Exp #=80055	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=-302",Yaw=+648"	Yaw=+648"
Event 88/12/ GOES BCS FCS UVSP	# = 22067 2/15,04:26 Start 04:23 04:14	D0Y=350 Peak 04:26	End times 04:34	CaPeak.c/s=24 ( Wavelength=2788A	Qual=00 Qual= 1	FePeak=04:27 Exp #=80056	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-302"	XEN=835003 1.024s/pixel ",Yaw=+646"
Event 88/12/	Event # = 9933 88/12/15,05:09 Start	D0Y=350 Peak	End times	4 Pointing:	N26E55 N27E59	AR5278	Pitch=-436", Yaw=+720" Mac.=EKC Carr.	+720", Roll=Odeg Carr.Lon.=270deg		H.Ang=60deg H.Ang=63deg
GOES GRS GRS	04:45 04:55:48 05:03:00	05:09 05:03:52 05:08	06:53 : 05:21:32 05:05:00 05:22	17	Qual=03 Qual=03 Qual= 1	Tot Cts=5.37E+5 FePeak=05:07	MaxkeV=320 FePeak.c/s=2786	=lags=EN	dt= 7.7s	Dur=120sec XEN=835004
FCS UVSP Radio S	05:18 Sweeps Frequen	Type/I cy(MHz)/F		Rast=240"x2 Wavelength=2788A Code=02 Exp #=80057 Rast=180"x1 II/3 III/3 IV/1 245/5000 410/210 606/110 2695/370 8800/400 15400/240	Code=02 606/110	Exp #=80057 2695/370 8800/400	4.= .	Step=10" Step=0"	Ξ.	Yaw,
HXRBS	04:46:04	04:46:30		As Peakc/s=60	sociated Qual=01	Event # = 109// Tot Cts=359	1 1	Flags=I	I	
803 F0S	•	05:22	05:22 05:22 05:23	As CaPeak.c/s=152	Associated Qual= 5	Event # = 22068 FePeak=05:22	-81 240"	#Peaks=1 Step=10"	dt= 7.7s Cad= 590s	
BCS FCS UVSP	05:56	05:57	06:56	CaPeak.c/s=855 Wavelength=2788A	Associated Qual= 5 8A	Event # = 22009 FePeak=05:57 Exp #=80058	FePeak.c/s=96 Rast=240"x240" Rast=180"x1"	aks=1 p=10" p=0"	3.8s 590s n=-302	XEN=83 1.024s , Yaw=+
Event 88/12, 60ES BCS FCS UVSP	Event # = 22070 88/12/15,07:29 Start GOES 07:24 BCS 07:30 FCS 07:22	D0Y=350 Peak 07:29 07:31	End times 08:10 08:29	Importance=M1 CaPeak.c/s=184 Wavelength=2788A	Qual=05 Qual= 5 Code=00	FePeak=07:31 Exp #=80060	FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 3.8s Cad= 590s Pitch=-302"	XEN=835007 1.024s/pixel ',Yaw=+631"
Event 88/12/ GOES BCS FCS UVSP	# = 22071 1/15,09:06 Start 09:04 08:56	1 D0Y=350 Peak 09:06	End times 10:02	CaPeak.c/s=42 Wavelength=2788A	Qual=00 Qual= 5	FePeak=09:05 Exp #=80062	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-302"	XEN=835008 1.024s/pixel ', Yaw=+623"

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	# = 22072 //15,10:47 Start	DOY=350 Peak	End times							
8CS S	10:47	10:47	10:56	CaPeak.c/s=20	Qua]=00 Qua]= 4	FePeak=10:47	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	dt= 7.7s XEN=835009 Cad=1.02s 1.024s/pixel
UVSP	10:30			Wavelength=2788A		Exp #=80064		Step=0"	Pitch=-302"	, Yaw=+615"
Event 88/12/ GOES BCS FCS UVSP	Event # = 22073 88/12/15,11:13 80ES BCS 11:01 FCS UVSP 11:33	DOY=350 Peak 11:13	End times 11:18	CaPeak.c/s=27 Wavelength=2788A	Qual=00 Qual=1	FePeak=11:12 Exp #=80065	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-303"	dt= 7.7s XEN=835010 Cad=1.02s 1.024s/pixel Pitch=-303", Yaw=+609"
Event 88/12/ GOES BCS FCS UVSP	# = 22074 /15,11:23 Start 11:22 11:33	D0Y=350 Peak 11:23	End times 11:31	CaPeak.c/s=33 Wavelength=2788A	Qua]=00 Qua]= 1	FePeak=11:23 Exp #=80065	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-303",	XEN=835011 1.024s/pixel ", Yaw=+609"
Event 88/12/	: # = 9935 :/15,11:36 Start	DOY=350	Fnd + impo	SMM Pointing:	N26E51		Pitch=-437", Yaw	, Yaw=+687", Rol	,Roll=Odeg	H.Ang=56deg
GOES HXRBS UVSP	11:34:07 11:33		11:37:47	Peakc/s=63 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=3520 Exp #=80065	MaxkeV=143 Rast=180"x1"	Step=0"	Pitch=-303"	, Үам=+609"
Event 88/12/	# = 9934 15,12:14 Start	00Y=350	Fnd +imps	SMM Pointing:	N26E50		Pitch=-436", Yaw=+677", Roll=Odeg	=+677", Rol	]=0deg	H.Ang=56deg
GOES HXRBS BCS FCS UVSP	GOES 12:08 HXRBS 12:10:50 BCS 12:13 FCS 12:03	12:14 12:13:21 12:21	12:38 12:13:40 12:48	Importance=C5 Peakc/s=61 CaPeak.c/s=62 Wavelength=2788A	Qual=04 Qual=01 Qual= 1 Code=00	Tot Cts=126 FePeak=12:21 Exp #=80066	MaxkeV=102 FePeak.c/s=17 Rast=300"x240" Rast=180"x1"	#Peaks=2 Step=15" Step=0"	dt= 3.8s X Cad= 328s 1 Pitch=-303",	XEN=835012 1.024s/pixe1 ", Yaw=+607"
Event 88/12/	Event # = 9936 88/12/15,14:08	DOY=350		SMM Pointing:	N26E49		Pitch=-437", Yaw	, Yaw=+665", Rol	, Roll=Odeg	H.Ang=55deg
Optical GOES HXRBS UVSP	3 cart 14:00 14:00:37 13:38	reak 14:08 14:00:43	14:21 14:03:06	HaClass=SF Importance=C6 Peakc/s=58 Wavelength=2788A	\$30W04 Qual=01 Qual=01	AR5273 Tot Cts=529 Exp #=80068	Mac.=EKO MaxkeV=102 Rast=180"x1"	Carr.Lon.=328deg Step=0" Pitch=	=328deg   Pitch=-303"	H.Ang=29deg ,Yaw=+599"
Event 88/12/	# = 9937 15,15:29 Start	DOY=350 Peak	End times	SMM Pointing:	N26E49		Pitch=-437", Yaw=+665", Roll=Odeg	=+665", Rol	]=0deg	H.Ang=55deg
GOES HXRBS BCS FCS	15:23 15:26:24 15:26	15:29 15:27:12 15:28	15:3	Importance=C4 Peakc/s=103 CaPeak.c/s=51	Qual=01 Qual=01 Qual= 1	Tot Cts=1338 FePeak=15:28 Exn #=80070	MaxkeV=143 FePeak.c/s=15 Rast=240"x240" Past=180"x1"	#Peaks=1 Step=10" <+en=0"	dt= 3.8s Cad= 590s Pitch=_304"	XEN=835013 1.024s/pixel " yaw=+591"
JC AD	n			#ave lelig til-27 80A	conce	-   -   -   -	N431-100 A1	3 cch-0	100	100 mm 1

+	# = 22075									
12/ S	88/12/15,16:09 Start GOES 16:02 BCS 16:13	DOY=350 Peak 16:09 16:14	End times 16:18 16:18	Importance=C7 CaPeak.c/s=167	Qual=05 Qual= 5	FePeak=16:14	FePeak. c/s=34	#Peaks=1	dt= 7.7s	XEN=835014
Radio	16:14 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Type/I cy(MHz)/F		Wavelength=2788A ( III/1 4995/64 8800/91	Code=02	Exp #=80071	Kast=300"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 328s Pitch=-304'	Cad= 328s 1.024s/pixe  Pitch=-304",Yaw=+585"
12/ 12/	Event # = 22076 88/12/15,17:02 Start	D0Y=350 Peak	End times							
FCS S	16:54	17:02	17:14		Qual=00 Qual= 1	FePeak=17:04	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	dt= 7.7s XEN=835015 Cad=1.02s 1.024s/pixel
L	00./1			wave lefty the 13/3A		exp #=800/3	Kast=/U"X/U"	Step=5"	Pitch=-431	', Yaw=+664"
1t 12/	Event # = 22077 88/12/15,21:55 Start	DOY=350 Peak	End times							
GOES BCS	21:53	21:55	22:01	CaPeak.c/s=24	Qual=00 Qual= 4	FePeak=21:54	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=835016
α.	21:54			₩avelength=1375A		Exp #=80100	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"		1.024s/pixel ",Yaw=+759"
12/ 12/	Event # = 22078 88/12/15,23:09 Start	D0Y=350 Peak	End times		000					
BCS	23:08	23:09	23:21	CaPeak.c/s=41	Vual≖00 Qual≖ 5	FePeak=23:09	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=835017
_	23:10			Wavelength=1375A		Exp #=80104	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=-432",	1.024s/pixel ",Yaw=+629"
					88/12/16	5 00Y=351				
Event # 88/12/1	t # = 22079 2/16,01:09 Start	D0Y=351 Peak	End times			,				
BCS.	01:05	01:09	01:19	CaPeak.c/s=49	Qual= 1	FePeak=01:08	FePeak.c/s=10		dt= 3.85	XEN=835100
_	01:01			Wavelength=1375A		Exp #=80123	Kast=300"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 328s 1 Pitch=-445",	1.024s/plxel ",Yaw=+731"
12/ 12/	Event # = 22080 88/12/16,01:22 Start Optical	D0Y=351 Peak	End times	HaClass=SF	N33W35	AR5269		Carr.Lon.=353deg	=353deg	H.Ang=47deg
SSS:	01:22	01:22	01:24	CaPeak.c/s=20	Qual=00 Qual= 4	FePeak=01:23	FePeak.c/s=6		dt= 7.7s	XEN=835101
_	01:14			Wavelength=1375A		Exp #=80126	Kast=240"X240" Rast=10"X10"	Step=10" Step=0"		1.024s/pixel ',Yaw=+730"

Event # = 22082 88/12/16,04:40 DOY=351 88/12/16,04:40 DOY=351 Start Peak GOES 04:39 04:40 FCS 04:39 04:40 FCS 04:39 04:40 FCS 04:39 04:40 FCS 04:35 Event # = 10978 88/12/16,05:34 DOY=351 Start Peak GOES 05:32:10 05:32:17 BCS 05:22 05:34 FCS 05:22 05:34 FCS 05:26 Event # = 9938 Event # = 9938 Event # = 9938	03:14 End times 04:44 End times 05:32:31 05:59	eak.c/s=21	Qual= 2	ak=03:13		#Doakc=1	dt= 7.7s	XFN=835102
DOY=351 Peak 04:40 DOY=351 Peak 05:32:17 05:334	End times 04:44 End times 05:32:31 05:59	elength=1375A		(	FePeak.c/s=7	C+on=O"	Cad=1 02c	1 024c/nivel
DOY=351 Peak 04:40 DOY=351 Peak 05:34 05:34	End times 04:44 End times 05:32:31 05:59			Exp #=80142		Step=0"	Pitch=-445	", Yaw=+734"
04:40 DOY=351 Peak 05:32:17 05:34 05:34	04:44 End times 05:32:31 05:59		5					
D0Y=351 Peak 05:32:17 05:34 D0Y=351 Peak	End times 05:32:31 05:59	CaPeak.c/s=32	oual=00 Qual= 4	FePeak=04:39	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=835103
DOY=351 Peak 05:32:17 05:34 DOY=351 Peak	End times 05:32:31 05:59	Wavelength=1375A		Exp #=80155	Rast=U.xU. Rast=10"x10"	Step=0"		1.0245/plxel ", Yaw=+554"
05:32:17 05:34 05:34 DOY=351	05:32:31 05:59	SMM Pointing:	N26E42		Pitch=-440", Yaw=	, Yaw=+583", Rol	, Roll=Odeg	H.Ang≃48deg
1	_	Peakc/s=54 CaPeak.c/s=102	Qual=00 Qual=01 Qual= 1	Tot Cts=127 FePeak=05:31		Flags=I #Peaks=1	dt= 3.8s	XEN=835104
1		Wavelength=2788A		Exp #=80156	Rast=240"x240" Rast=243"x243"	Step=10" Step=3"	·	1.024s/pixel ",Yaw=+591"
	tomit + ford	SMM Pointing:	N26E41		Pitch=-440", Yaw=	, Yaw=+573", Rol.	, Roll=Odeg	H.Ang=48deg
07:00:46 07:02	07:02:08 07:54	Peakc/s=67 CaPeak.c/s=204	Qual=00 Qual=01 Qual= 1	Tot Cts=1700 FePeak=07:02		#Peaks=1	dt= 3.8s	XEN=835105
06:48		ength=2788A		Exp #=80157	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"		1.024s/pixel ",Yaw=+500"
Event # = 9939 88/12/16,07:53 DOY=351 Start Peak	End times	SMM Pointing:	N26E40		Pitch=-440", Yaw=	, Yaw=+563", Rol	, Roll=Odeg	H.Ang=47deg
:52 07:53:04	07:53:22	Peakc/s=61 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=186 Exp #=80158	MaxkeV=143 Rast=180"x1"	Step=0"	Pitch=-306"	', Үаw=+493"
Event # = 9940 88/12/16,08:46 DOY=351	1	SMM Pointing:	N26E40		Pitch=-440", Yaw=	, Yaw=+563", Rol	, Roll=Odeg	H.Ang=47deg
Peak 00.46	End times	HaClass=1B	N26E37	AR5278	Mac.=EKI	Carr.Lon.=277deg	=277deg	H.Ang=45deg
HXRBS 08:28:40 08:33:28	10:17:04	Importance=x3 Peakc/s=69980	Qual=12	Tot Cts=3.00E+7	MaxkeV=855	Flags=M1,SN,IN,DG		0,10-2600
08:30 08:59		CaPeak.c/s=8210	Qual= 1	FePeak=08:41	FePeak.c/s=7101	#Peaks=1	dt= 7.7s	XEN=835106
HCS UVSP 08:22		Wavelength=2788A		Exp #=80159	Kast=180"x160" Rast=180"x1"	Step=10 Step=0"	ĭ	1.0245/p1xe1

BCS -	10:04	10:05	11:02		Associated 2 Qual= 5	Event # = 22083 FePeak=10:05		•	dt= 3.8s	XEN=835107
UVSP	09:55			Wavelength=2788A		Exp #=80161	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"		1.024s/pixel ",Yaw=+480"
Event 88/12/	t # = 9941 2/16,10:44 Start	DOY=351	Fnd times	SMM Pointing:	N26E39		Pitch=-440", Yaw	, Yaw=+553", Rol	', Roll=0deg	H.Ang=46deg
GOES HXRBS UVSP	10:43:58 10:59	10:44:13		Peakc/s=54 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=234 Exp #=80162	MaxkeV=143 Rast=180"x1"	Step=0"	Pitch=-306",Yaw=+473"	, Yaw≖+473"
Event 88/12/	Event # = 9942 88/12/16,12:12	DOY=351	-	SMM Pointing:	N26E38		Pitch=-441", Yaw	, Yaw=+543", Rol	, Roll=0deg	H. Ang=46deg
Optical		Teak	בוות נוווים	HaClass=SF	N26E48	AR5280	Mac.=DKO	Carr.Lon.=264deg	=264deg	H.Ang=54deg
HXRBS BCS BCS	12:10:19 11:38	12:11:02 12:12	12:11:24 12:36	Peakc/s=58 CaPeak.c/s=319	Qual=01 Qual=01 Qual= 4	Tot Cts=482 FePeak=12:12	MaxkeV=102 FePeak.c/s=29	#Peaks=2	dt= 7.7s	XEN=835108
UVSP	12:33			Wavelength=2788A		Exp #=80164	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"		1.024s/pixe! ",Yaw=+463"
Event 88/12/	Event # = 9943 88/12/16,14:03	D0Y=351		SMM Pointing:	N26E37		Pitch=-440", Yaw	, Yaw=+529", Rol	, Roll=Odeg	H.Ang=45deg
Optical	] 3tai t	r ga	בוות רוווע	HaClass=SF	N26E47	AR5280	Mac.=DKO	Carr.Lon.=264deg	=264deg	H.Ang=53deg
SS SS	14:01:01 13:12	14:01:16 ] 14:03	14:01:43 14:09	Peakc/s=64 CaPeak.c/s=148	Qual=00 Qual=01 Qual= 4	Tot Cts=563 FePeak=14:03	MaxkeV=143 FePeak.c/s=21	#Peaks=2	dt= 7.7s	XEN=835114
UVSP	14:06			Wavelength=2788A		Exp #=80166	Kast=240"x240" Rast=180"x1"	Step=10" Step=0"	_	1.024s/p1xe! ",Yaw=+453"
Event 88/12/	Event # = 9945 88/12/16,15:41	DOY=351	Cod + imag	SMM Pointing:	N26E36		Pitch=-442", Yaw	, Yaw=+519", Rol	, Roll=Odeg	H.Ang=44deg
Optical	] ]	A B D		HaClass=SF	N30E33	AR5278	Mac.=EKI	Carr.Lon.=277deg	=277deg	H.Ang=44deg
SS SS		15:38:20 15:41	15:38:00 15:38:20 15:39:09 14:45 15:41 15:43	Peakc/s=230 CaPeak.c/s=77	Qual=01 Qual=01 Qual= 4	Tot Cts=2923 FePeak=15:41	MaxkeV=143 FePeak, c/s=25	#Peaks=2	dt= 7.7s	XEN=835109
UVSP Radio Radio	₹,	5:40 Type/Intensity: Frequency(MH2)/Flux(sfu):	ntensity: lux(sfu):	Wavelength=2788A III/1 245/490 410/150 6	, 606/87	Exp #=80168	Kast=240"X240" Rast=180"x1"	Step=10" Step=0"		1.024s/pjxel ",Yaw=+443"
Event	*#= ·									
88/12/	2/16,16:25 Start	00Y=351 Peak	End times	SMM Pointing:	N26E35		Pitch≈-442", Yaw=+509", Roll=Odeg	=+509", Rol		H.Ang=44deg
GOES HXRBS UVSP	16:24:58 16:12	16:25:10	16:25:10 16:25:35	Peakc/s=67 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=292 Exp #=80169	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-308",Yaw=+440"	, Yaw=+440"
							***************************************			

Event 88/12, GOES	Event # = 22084 88/12/16,16:29 Start GOES	음합	End times		Qua1=00					
BCS FCS UVSP	16:28 16:12	16:29	16:32	CaPeak.c/s=21 Wavelength=2788A	Qual= 4	FePeak=16:29 Exp #=80169	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-308	dt= 7.7s XEN=835110 Cad=1.02s 1.024s/pixel Pitch=-308", Yaw=+440"
Event 88/12/ 00tica GOES BCS FCS	Event # = 22035 88/12/16,18:01 Start Optical GOES 17:52 BCS 17:52	D0Y=351 Peak 18:01 17:56	End times 18:07 18:10	HaClass=SF Importance=C4 CaPeak.c/s=91	\$33W11 Qual=01 Qual= 1	AR5275 FePeak=17:56	Mac.=ESO FePeak.c/s=16	Carr.Lon.=320deg #Peaks=1 dt= 3.	SS	H.Ang=33deg XEN=835111
UVSP	17:58			Wavelength≖1375A	Code=00	Exp #=80174	Rast=10"x10"	Step=0"	Pitch=-458	1.0245/pixel ", Yaw=+639"
Event 88/12/	Event # = 9944 88/12/16,18:06 Start	D0Y=351 Peak	End times	SMM Pointing:	N26E35		Pitch=-442", Yaw	, Yaw=+498", Roll=Odeg	1=0deg	H.Ang=43deg
HXRBS UVSP	18:06:03 17:58	18:06:12	18:06:24	Peakc/s=46 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=103 Exp #=80174	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-458'	Pitch=-458",Yaw=+639"
Event 88/12/ Outica	Event # = 22086 88/12/16,21:27 Start Ontical	D0Y=351 Peak	End times		N17F90	AR5283		Jarr 1 on =217deg	=217dea	H Ang=QOdes
GOES	21:21 21:22	21:27 21:26	21:38 21:37		Qual=01 Qual= 1	FePeak=21:26	FePeak.c/s=15		88	XEN=835112
UVSP	21:20			Wavelength=1375A	Code=00	Exp #=80197	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"		1.024s/plxel ",Yaw=+606"
Event 88/12/	Event # = 9947 88/12/16,22:35 Start	DOY=351 Peak	End times	SMM Pointing:	N26E32		Pitch=-443", Yaw=+466", Roll=Odeg	=+466", Rol	]=0deg	H.Ang≈41deg
Optical GOES HXRBS Z	22:33:46 22:39	22:35:00	22:35:04	Peakc/s=57 Wavelength=1375A	Qual=00 Qual=01	AR5278 Tot Cts=494 Exp #=80201	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-436",Yaw=+478"	', Yaw=+478"
Event 88/12/	Event # = 9948 88/12/16,22:50	D0Y=351	Fod +	SMM Pointing:	N26E32		Pitch=-443", Yaw	, Yaw=+466", Rol	, Roll=Odeg	H.Ang=41deg
Optica GOFS		22.50	^		N29E31	AR5278	Mac.=EKI	Carr.Lon.	*275deg	H.Ang=42deg
HXRBS PCS PCS	22:45:41 22:35	22:46:10 22:49	22:52:37 23:19	Peakc/s=690 CaPeak.c/s=331	Qual=01 Qual=1	Tot Cts=28256 FePeak=22:48	MaxkeV=320 FePeak.c/s=57	Flags=M1 #Peaks=1 C+en=10"	dt= 7.7s X	XEN=835113
UVSP Radio Radio	A 1 3-	Type/II	<pre>2:41</pre>	Wavelength=1375A Code=00 111/3 245/310 2695/130 4995/130	Code=00 4995/130	Exp #=80202 8800/100	Rast=70"x70"		cau- 390s Pitch=-436"	1.0245/place 1, Yaw=+478"

					88/12/17	7 DOY=352				
Event 88/12/	# = 22087 /17,00:08	D0Y=352								
	start	reak	End times		00-1-00					
BCS.	80:00	90:00	00:17	CaPeak.c/s=20	Qual= 5	FePeak=00:11	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=835200
UVSP	60:00			Wavelength=1375A		Exp #=80203	Rast=265"x265"		cau=1.02s Pitch=+462",	1.0245/p1xe1 ",Yaw=+455"
Event 88/12/	# = 22088 /17,02:21 Start	DOY=352	Fod + imes							
	02.03	. cus	C) C C C C C C C C C C C C C C C C C C		Qual=00	10.00m	0.3/2 46000	C= 2/co0#		VEN-026201
FCS	02:13	02:23	02.20	ear.c/s-33 <3c/s=64 elength=1375A	dua!-	Exp #=80225	rereak.c/s=9   Rast=0"x0"   Rast=10"x10"	*reaks=2 Step=0" Step=0"	Cad=1.02s   Pitch=-444"	AEN=033201 1.024s/pixel ",Yaw=+567"
Event 88/12/	# = 22089 '17,02:31 Start	DOY=352	Fnd + imps					4		
GOES	02.31		02.32	Cabash c/c=10	Qual=00	FoDoak=02.31	Fobost c/c=7	#Doste=1		YEN=835000
FCS	02:28	5		elength=1375A	+ - - - - - - - - - - - - - - - - - - -	Exp #=80228	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=-449"	1.024s/pixel ",Yaw=+565"
Event 88/12/	# = 9949 /17,03:21	D0Y=352	1	SMM Pointing:	N26E30		Pitch=-443", Yaw=+443", Roll=Odeg	tw=+443", Ro1	1=0deg	H.Ang=40deg
GOFS	Start	rea X	End times		0191=00					
HXRBS BCS BCS	03:16:14 03:15	03:16:24 03:21	03:16:41 03:33	Peakc/s=61 CaPeak.c/s=28	Qual=01 Qual= 4	Tot Cts=255 FePeak=03:16	MaxkeV=102 FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=835203
UVSP	03:21			Wavelength=1375A		Exp #=80232	Rast=10"xU" Rast=10"x10"	Step=0"	cad=1.02s 1 Pitch=-504",	1.U24s/p1xe! ",Yaw=+379"
Event 88/12/	# = 9950 '17,03:42	DOY=352	End +imag	SMM Pointing:	N26E29		Pitch=-444", Yaw=+431", Roll=Odeg	IW=+431", Rol	1=0deg	H.Ang=39deg
GOES HXRBS UVSP	03:41 03:42:44 03:35	03:42 03:42:54	03:43:13	Importance=C4 Peakc/s=119 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=700 Exp #=80235	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-444",	", Yaw=+432"
Event 88/12/	# = 9951 /17,03:48 <+art	DOY=352	End +impo	SMM Pointing:	N26E29		Pitch=-444", Yaw=+431"	tw=+431", Rol	, Roll=Odeg	H.Ang=39deg
Optica	Juan L	75ah	כ	HaClass=SN	\$32W23	AR5273	Mac.=EKI	Carr.Lon.=326deg	=326deg	H.Ang=38deg
HXRBS	03:44:50 03:48	03:46:05	03:49:11	67 75A	Qual=01 Qual=01 Code=02	Tot Cts=1.06E+5 Exp #=80238	MaxkeV=320 Rast=10"x10"	Flags≂FS Step=0"	Pitch=-499'	Pitch=-499",Yaw=+395"

Importance   Capeak		CAM Dointing.	NOSESO		7.4.4. AAA!! V.			
8800/40 15400/170 8HaClass-SF R2830 R3238 R4EKC Rar-L0273deg R4Class-SF R2830 R4Class-SF R2830 R4Class-SF R2830 R4Class-SF R2830 R4Class-SF R2830 R4Class-SF R2830 R4Class-SF R2830 R4Class-SF R2830 R4Class-SF R2830 R4Class-SF R2830 R4Class-SF R2830 R4Class-SF R2830 R4Class-R5 R4Class-R5 R4Class-R5 R4Class-R6		Start Peak End times 04:39 04:51 04:54 Importance=C3 04:52 04:52 04:52:29 Peakc/s=162 04:52 04:52 04:52 04:52 04:52 04:52 04:52 04:52 04:52 04:52 04:52 05 04:52 05 04:52 05 04:52 05 05 04:52 05 05 05 05 05 05 05 05 05 05 05 05 05	Qual=01 Qual=01 A Code=02	Tot Cts=3406 Exp #=80242	Plccn=-444", Yaw MaxkeV=143 Rast=265"x265"	<pre>%=+431", Rol Step=5"</pre>	=Odeg Pitch=-436	H.Ang=39deg ", Yaw=+435"
###Class=57			<b>-</b>		Di+ch- 442#	100	7	-
Importance+		times HaClass=SF		AR5278	7	10m, 12ti-1	1-04eg =273deg	n.Ang=39aeg
Wavelength=1375A Code=00 Exp #=80245 Rast=240"x240" Step=10" Pitch=-479", Yaw=+407"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+407"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+407"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+407"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+416"   Exp #=80248 Rast=10"x10" Step=0" Pitch=-479", Yaw=+416"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+416"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+416"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+416"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+416"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+416"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+416"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+416"   Rast=10"x10" Step=0" Pitch=-479", Yaw=+416"   Rast=10"x10" Step=0" Pitch=-46", Yaw=+418"   Rast=10"x10" Step=0" Pitch=-46", Yaw=+418"   Rast=10"x10" Step=0" Pitch=-46", Yaw=+418"   Rast=10"x10" Step=0" Pitch=-46", Yaw=+418"   Rast=10"x110" Step=0" Pitch=-46", Yaw=+418"   Rast=10" Xaw=+418"   Rast=10" Xaw=+418"   Rast=10" Xaw=+418"   Rast=10" Xaw=+418"   Rast=10" Xaw=+418"   Rast=10" Xaw=+418"   Rast=10" Xaw=+218"   Rast=10" Xaw=+218"   Rast=10" Xaw=+218"   Rast=10" Xaw=+219"   Rast=10" Xaw=+218"   Rast=180" X1" Step=0" Pitch=-310", Yaw=+219"   Rast=180" X1"   R	.2	_		Cts=1.01E+5	MaxkeV=230 FePeak.c/s=776		dt= 3.8s	XEN=835204
SMM Pointing: N26E29	4:54 Type/Intensity: Frequency(MHz)/Flux(sfu):		A Code=00		Rast=240"x240"  Rast=10"x10"		Cad= 590s Pitch=-479	1.024s/pixel ",Yaw=+407"
SMM Pointing: N26E29  HaClass=IN N29E27  HaClass=IN N29E27  HaClass=IN N29E27  CaPeak.c/s=172  CaPeak.c/s=162  Qual=03  Qual=03  CaPeak.c/s=162  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=28  Qual=00  CaPeak.c/s=38  Rast=15"x15"  Step=0"  Cad=3840s  Rast=16"x15"  Step=0"  Cad=3840s  Rast=16"x15"  Step=0"  Cad=1083s  Havelength=2788A  Exp #=80268  Rast=15"x115"  Rast=115"x115"  Rast=243"x243"  Qual=00  Qual=00  Qual=00  Qual=00  Qual=00  Qual=00  Qual=00  Qual=00  AxkeV=102  Rast=115"x115"  Rast=115"x115"  Rast=243", Yaw=+471", Yaw=+376", Roll=0deg  Peakc/s=28  Qual=00  Qual=00  Qual=01  Exp #=80253  Rast=181  MaxkeV=102  Rast=182"x115"  Rast=18		Peakc/s=50 Wavelength=1375A	Associated Qual=01	Event # = 9954 Tot Cts=238 Exp #=80248		Step=0"	 Pitch=-479'	. Yaw=+416"
HaClass=IN N29E27 AR5278 Mac.=EKC Carr.Lon.=275deg Importance=H3 Qual=03 FePeak=06:22 Rast=240"x240" Step=10 Cad= 590s Wavelength=1375A Code=00 Exp #=80254 Rast=10"x10" Step=0" Cad= 590s Wavelength=1375A Code=00 Exp #=80254 Rast=10"x10" Step=0" Cad= 590s Rast=10"x10" Step=0" Cad= 3840s Rast=10"x10" Step=0" Pitch=-464" Wavelength=2788A Exp #=80268 Rast=15"x15" Step=3" Pitch=-436" Step=0" Cad=3840s Rast=15"x15" Step=3" Pitch=-436" Step=0" Cad= 3840s Rast=110"x15" Step=3" Pitch=-436" Step=3" Pitch=-310" Step=3" Pitch=-310" Step=3" Pitch=-310" Step=0" Pitch=-310" Step=3" Pitch=-31	times	SMM Pointing	N26E29		Pitch=-443", Yaw	=+421", Roll	l=0deg	H.Ang=39deg
### Comparison of the control of the		HaClass=IN	N29E27	AR5278	Mac.=EKC	Carr. Lon.=	-275deg	H.Ang=40deg
length=1375A Code=00	5:50	importance=ns Peakc/s=172 CaPeak.c/s=161	Qual=03 Qual=03 Qual= 5		MaxkeV=102 FePeak.c/s=7			XEN=835205
ak.c/s=28 Qual=00		Wavelength=1375A			Rast=240"x240" Rast=10"x10"			1.024s/pixel ', Yaw=+428"
ak.c/s=28	times							
length=2788A Exp #=80268 Rast=15"x15" Step=0" Cad=3840s ak.c/s=24 Qual=00		CaPeak.c/s=28	Qua]=00 Qua]= 5		FePeak.c/s=7		dt= 7.7s	XEN=835206
ak.c/s=24 Qual=00 length=27884 Exp #=80269 Rast=243"x243" Step=5" Cad=1083s Pointing: N26E25 Pitch=-444", Yaw=+376", Roll=Odeg length=27884 Exp #=80273 Rast=15"x115" Step=5" Cad=1083s Pitch=-444", Yaw=+376", Roll=Odeg	_	_			Rast=0"x0" Rast=15"x15"		Cad=3840s Pitch=-436"	3840s/pixel ,Yaw=+412"
ak.c/s=24 Qual=00 Qual=00	times							
length=2788A Exp #=80269 Rast=243"x243" Step=5" Cad=1083s Rast=243"x243" Step=3" Pitch=-436 Pitch=-444", Yaw=+376", Roll=0deg Oual=00 Qual=01 Tot Cts=181 MaxkeV=102 length=2788A Exp #=80273 Rast=180"x1" Step=0" Pitch=-310"		CaPeak.c/s=24	Qua]=00 Qua]= 4				dt= 7.7s	XEN=835207
Oointing: N26E25 Pitch=-444",Yaw=+376",Roll=Odeg Qual=00 Tot Cts=181 MaxkeV=102 Exp #=80273 Rast=180"x1" Step=0" Pitch=-310"				#=80269			Cad=1083s Pitch=-436"	2.048s/pixel ,Yaw=+412"
Qual=00 c/s=50 Qual=01 Tot Cts=181 MaxkeV=102  ength=2788A Exp #=80273 Rast=180"x1" Step=0"	times	Pointing	N26E25		Pitch=-444", Yaw=	-+376", Roll:		H.Ang=37deg
	11:29:33 11:30:00	c/s=50  ength=2788A	Qua]=00 Qua]=01	Cts=181 #=80273	MaxkeV=102 Rast=180"x1"		Pitch=-310"	, Yaw=+299"

Event # 88/12/1	# = 9957 17,11:37	00Y=352		SMM Pointing:	N26E25		Pitch=-444", Yaw=+376", Roll=Odeg	+376", Roll		H.Ang=37deg
GOES HXRBS BCS FCS UVSP	Start 11:35 11:35:34 11:36 11:58	eak 11:37 11:36:28 11:36	End times 11:42 11:36:36 11:40	Importance=C3 Peakc/s=90 CaPeak.c/s=48 Wavelength=2788A	Qual=01 Qual=01 Qual= 1	Tot Cts=403 FePeak=11:36 Exp #=80273	MaxkeV=143 FePeak.c/s=12 Rast=300"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s XEN=835208 Cad= 328s 1.024s/pixel Pitch=-310", Yaw=+299"	(EN=835208 024s/pixel .Yaw=+299"
Event 88/12/1	# = 22093 /17,11:59 Start 11:59 11:58	DOY=352 Peak 11:59	End times 12:01	CaPeak.c/s=21 Wavelength=2788A	Qual=00 Qual= 4	FePeak=12:00 Exp #=80273	FePeak.c/s=17 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-310"	dt= 7.7s XEN=835209 Cad= 590s 1.024s/pixel Pitch=-310", Yaw=+299"
Event 88/12/ GOES BCS FCS UVSP	# = 22094 17,14:11 Start 14:11 14:04	00Y=352 Peak 14:11	End times 14:31	CaPeak.c/s=47 Wavelength=2788A	Qual=00 Qual= 5	FePeak=14:17 Exp #=80276	FePeak.c/s=12 Rast=300"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s X Cad= 328s 1 Pitch=-311",	XEN=835210 1.024s/pixel ",Yaw=+284"
Event 88/12/ GOES BCS FCS UVSP	# = 22095 /17,15:07 Start 15:07 15:05	00Y=352 Peak 15:07	End times 15:09	CaPeak.c/s=21 Wavelength=2788A	Qual=00 Qual= 4	FePeak=15:07 Exp #=80277	FePeak.c/s=14 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-312"	XEN=835211 1.024s/pixel ",Yaw=+277"
Event 88/12/ GOES HXRBS UVSP	//17,17:35   Start   Start   S   17:31:39   S   S   S   S   S   S   S   S   S	DOY=352 Peak 17:35:32	End times 17:47:50	SMM Pointing: Peakc/s=93 Wavelength=1375A	N26E22 Qual=00 Qual=03	Tot Cts=9246 Exp #=80284	Pitch=-447", Yaw=+330", Roll=Odeg MaxkeV=102 Rast=10"x10" Step=0" Pitch	=+330", Rol Flags=ES Step=0"	l=Odeg H.Ang=35de Pitch=-437", Yaw=+410"	H.Ang=35deg , Yaw=+410"
Event #88/12/1 88/12/1 Optical GOES BCS FCS	Event # = 22096 88/12/17,20:45 0ptical GOES 20:29 BCS 20:30 FCS UVSP 20:44	5 DOY=352 Peak 20:45 20:31	End times 20:55 20:34	HaClass=SF N14E75 Importance=C4 Qual=01 CaPeak.c/s=24 Qual= 4 Wavelength=1375A Code=00	N14E75 Qual=01 Qual= 4 , Code=00	AR5283 FePeak=20:30 Exp #=80302	Mac.=DAO FePeak.c/s=9 Rast=0"x0" Rast=130"x130"	Carr.Lon.=219deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=10" Pitch=	7s 02s -422	H.Ang=76deg XEN=835212 1.024s/pixe1 ",Yaw=+249"

					88/12/18	8 D0Y=353				
Event #	= 9959	30-700		20:40:40	011701	•	D:+-L- AAC!! V.	נים ווטלטי		FCC V 11
88/12/1	88/12/18,01:32 Start	DOY=353 Peak	Fnd times	SMM Pointing:	N26E18		Pitch=-446", Yaw	, raw=+269", rol	, Koll=Udeg	H.Ang=32deg
Optical			2	HaClass=SF	N28E11	AR5278	Mac.=EKC	Carr.Lon.=280deg	=280deg	H.Ang=31deg
HXRBS BCS BCS	01:28:16 01:38:16 01:31	5 01:29:59 01:31	01:30:32 01:34	Importance-cz Peakc/s=76 CaPeak.c/s=22	Qual=01 Qual=01 Qual= 4	Tot Cts=1578 FePeak=01:31	MaxkeV=102 FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=835300
	01:26			Wavelength=1375A	Code=00	Exp #=80337	Kast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=-447"	1.024s/pixel ", Yaw=+343"
Event # 88/12/1	# = 22097 7.18,04:16 Start	, D0Y=353 Peak	End times			:				
	04:15		82	CaPeak.c/s=30	Qual=00 Qual= 4	FePeak=04:16	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=835301
FCS UVSP	04:16	04:23		Peak3c/s=515 Wavelength=1375A		Exp #=80357	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=-440",	1.024s/pixel ", Yaw=+257"
Event # 88/12/1	Event # = 22098 88/12/18,04:59 Start	3 D0Y=353 Peak	End times							
Optical	14.51	04.50		HaClass=SF	N23E12	AR5278	Mac.=EKC	Carr.Lon.=277deg	=277deg	H.Ang=27deg
SSS SSS SSS SSS SSS SSS SSS SSS SSS SS	04:54	04:58	05:09	capeak.c/s=125	(ual= 1	FePeak=04:57	FePeak.c/s=29		dt= 3.8s	XEN=835302
	04:47			Wavelength=1375A	Code=00	Exp #=80366	Kast=300"X240" Rast=10"x10"	Step=15 Step=0"	Cad= 328s 1 Pitch=-418",	1.024s/p1xe1 ",Yaw=+236"
Event # 88/12/1	Event # = 9960 88/12/18,07:32 D	D0Y=353	End +imos	SMM Pointing:	N26E15		Pitch=-447", Yaw	, Yaw=+220", Roll=0deg	]=0deg	H.Ang=31deg
HXRBS UVSP	07:31:34 07:27	1 07:32:36	07:34:07	Peakc/s=368 Wavelength=1375A	Qual=01	Tot Cts=8383 Exp #=80386	MaxkeV=686 Rast=10"x10"	Flags=FS,NS,GB Step=0" Pitch=	NS,GB Pitch=-418"	', Yaw=+325"
Event # 88/12/1	Event # = 9961 88/12/18,09:17	D0Y=353		SMM Pointing:	N26E14		Pitch=-447", Yaw	, Yaw=+208", Rol	, Roll=Odeg	H.Ang=30deg
Optical	3tal t		ב ב	HaClass=SN	N22E07	AR5278	Mac.=EKC	Carr.Lon.=280deg	=280deg	H.Ang=24deg
ECS SES	09:12:18 09:13	3 09:14:22 09:16	09:25:21 09:33	nmportance-ni Peakc/s=295 CaPeak.c/s=569	Qual=01 Qual=1	Tot Cts=18339 FePeak=09:15	MaxkeV=187 FePeak.c/s=147	#Peaks=1	dt= 3.8s	XEN=835303
UVSP Radio	09:15 Frequen	09:15 Frequency(MHz)/Flux(sfu)		Wavelength=1375A Code=00 245/83 410/57 15400/60	Code=00 400/60	Exp #=80402	kast=300°x240°° Rast=10"x10"	Step=15 Step=0"	cad= 328S 1 Pitch=-443",	1.U24s/p1xel ',Yaw=+286"
	# = 22099 718,09:31 Start	) D0Y=353 Peak	End times		•					
BCS S	09:31	09:31	09:35	CaPeak.c/s=24	Qual=00 Qual= 5	FePeak=09:31	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=835304
	09:28			Wavelength=1375A		Exp #=80405	Rast=10"x10"	Step=10	cdu= 590s 1 Pitch=-453",	1.0245/p1xe1 ', Yaw=+274"

Event # 88/12/18	t # = 9962 2/18,10:36 Start	DOY=353 Peak	Fnd times	SMM Pointing:	N26E13		Pitch=-448", Yaw=+196", Roll=Odeg	W=+196", Roll	l=0deg	H.Ang≈30deg
GOES HXRBS 1 UVSP 1	10:35:43 10:38	10:36:07	10:	Peakc/s=238 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=2812 Exp #=80410	MaxkeV=143 Rast=265"x265"	Step=5"	Pitch=-440",Yaw=+207"	', Yaw=+207"
Event # 88/12/18	t # = 9963 2/18,12:41	DOY=353	4	SMM Pointing:	N26E12		Pitch=-447", Ya	, Yaw=+182", Roll	, Roll=Odeg	H.Ang=30deg
Optical	).32	12.41	13.00	HaClass=SN	S21E21	AR5282	Mac.=DS0	Carr.Lon.=264deg	=264deg	H.Ang≃28deg
HXRBS 1	12:35:27	12:35:34	12:35:56	Peakc/s=55	Qual=01	Tot Cts=186	MaxkeV=102		Pitch=-480", Yaw=+196"	', Yaw=+196"
Event # 88/12/18	# = 9964 1/18,13:00	DOY=353	10 E 7 C L	SMM Pointing:	N26E12		Pitch=-447", Yaw=+182", Roll=Odeg	IW=+182", Roll	l=0deg	H.Ang=30deg
GOES HXRBS UVSP	3tart 13:00:04 12:58		13:(	Peakc/s=63 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=563 Exp #=80432	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=-313",Yaw=+105"	', Yaw=+105"
Event # 88/12/18	# = 9965 /18,13:47	DOY=353	Fnd +imag	SMM Pointing:	N26E11		Pitch=-449", Yaw=+171", Rol}=Odeg	W=+171", Roll	=0deg	H.Ang=29deg
GOES HXRBS UVSP	13:47:04 13:28	13:47:25	13:47	Peakc/s=67 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=305 Exp #=80433	MaxkeV=143 Rast=180"x1"	Step=0"	Pitch=-314",Yaw=+102"	', Yaw=+102"
Event # 88/12/18	# = 9966 /18,16:51	D0Y=353		SMM Pointing:	N26E10		Pitch=-449", Ya	, Yaw=+145", Roll=0deg	=0deg	H.Ang=29deg
GOES HXRBS UVSP	Start 16:49 16:51:05 16:35	reak 16:51 16:51:45	End times 16:53 16:52:25	Importance=C3 Peakc/s=51 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=410 Exp #=80437	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-315"	', Yaw=+77"
Event # 88/12/18	; # = 9967 :/18,17:01 Start	DOY=353	Fnd +	SMM Pointing:	N26E10		Pitch=-449", Yaw=+145", Roll=Odeg	W=+145", Roll	l=0deg	H.Ang=29deg
GOES HXRBS UVSP	17:00:35 16:35	17:01:07	17:0	Peakc/s=56 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=285 Exp #=80437	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch≕-315"	', Yaw=+77"
Event # = 9968 88/12/18,17:18	= 9968 3,17:18	00Y=353		SMM Pointing:	N26E10		Pitch=-449", Ya	, Yaw=+145", Roll	, Roll=Odeg	H.Ang=29deg
Optical Optical	ייים ל		7.6	HaClass=3B HaClass=SF	S31W40 N16E60	AR5283	Mac.=FAI	Carr.Lon.=323deg Carr.Lon.=223deg		H.Ang=48deg H.Ang=62deg
HXRBS UVSP	17:05 17:06:35 17:38	17:11:15	1/:59 5 17:11:34	Importance=A1 Peakc/s=1523 Wavelength=2788A	Ųuαi=02 Quai=11	Tot Cts=1.53E+5 Exp #=80438	MaxkeV=274 Rast=180"x1"	Flags=IS Step=0"	Pitch=-315",Yaw=+68"	', Yaw=+68"

			CMM Dointing.	10000					
Start				NZDEU/		Pitch=-452", Yaw=+109", Roll=Odeg	aw=+109", Ro	11=0deg	H.Ang=28deg
GOES 21:49 HXRBS 21:58:34 UVSP 21:59	22:08 4 22:02:02	00	Importance=C8 Peakc/s=61 Wavelength=1375A	Qual=03 Qual=01 A Code=00	Tot Cts=1511 Exp #=80466	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-43(	Pitch=-430", Yaw=+69"
.vent # = 0070				88/12/19	19 D0Y=354				
88/12/19,00:57 Start	D0Y=354 Peak	End times	SMM Pointing:	N26E05		Pitch=+76", Yav	, Yaw=+449", Roll	, Roll=90deg	H.Ang=28deg
Optical GOES 00:25	00:57	::		N24W27 0ua]=03	AR5279	Mac.=FKI	Carr.Lon.=305deg	.=305deg	H.Ang=37deg
J U §	00:40:00 00:44:43 00:49:1 00:52 Type/Intensity Prequency(MHz)/Flux(sfu)	0:49:13 ensity: x(sfu):	Peakc/s=83 Qual Wavelength=1375A Code III/1 245/97 410/100 606/57	Qual=01 Code=00	Tot Cts=5065 Exp #=80486	MaxkeV=143 Rast=10"x10"	Step=0"	Pitch≕+100	Pitch=+108",Yaw=+474"
Event # = 11090 88/12/19,02:22	D0Y=354		SMM Pointing:	N26E05		Pitch=-449" Ya	Yaw=+70" Doll=∩dex	na po	TOC TOCK I
ptical	רכמא א	end times		S21E14	AR5282	Mac.=DS0	farr lon ≈264den	ESEA POR	fanoz-fauvin
HXRBS 02:13 UVSP 02:11 Radio Frequency	2:13 2:13:32 02:14:20 02:15:2 2:11 Frequency(MHz)/Flux(sfu)	<b>~</b>	Importance=C8 Peakc/s=63 Wavelength=1375A 410/40 606/290	Qual=01 Qual=01 Code=00	Tot Cts=917 Exp #=80496	MaxkeV=102 Rast=10"x10"	Flags=I Step=0"	Pitch=-475", Yaw=+5	n. Aug-24ueg ", Yaw=+5"
Event # = 9971 88/12/19,10:23 Start	D0Y=354 Peak	End times	SMM Pointing:	N26W00		Pitch=-450", Yaw=+3", Roll=Odeg	w=+3", Roll=(	Odeg	H. Ang=27deg
GOES HXRBS 10:23:01 UVSP 10:00		10:23:23	Peakc/s=60 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=147 Exp #=80559	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=_442".Yaw=+17"	" Yaws+17"
Event # = 22100 88/12/19,11:44	D0Y=354								(T. ap. 1
Start Optical GOES		End times	HaClass=SF	\$21E09	AR5282	Mac.=DS0	Carr.Lon.=264deg	=264deg	H.Ang=21deg
S 11:44 S	11:44	11:54	CaPeak.c/s=19	Qual= 1	FePeak=11:46	FePeak.c/s=6		75	XEN=835400
ŠP 11:39			Wavelength=1375A		Exp #=80564	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=-440"	1.024s/pixel
5 = 2 19, 12 Star	88 3	Шеs	HaClass=SF	S29W54	AR5273	<b>.</b>	sobject net much		
90ES 12:16 BCS 12:13 FCS	12:22 12:23	12:40 12:26	tance=C4 <.c/s=52	Qual=02 Qual= 1	FePeak=12:22	FePeak.c/s=17	<u>.</u>	s S	H.Ang≕58deg XEN=835401
SP 12:22			Wavelength=2788A Code=02		Exp #=80571	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-315".	1.024s/pixel

Event # - 22102 88/12/19,14:54 Optical GOES 14:51 ECS 14:51	D0Y=354 Peak 14:54	End times 15:28		\$31W46 Qual=00 Qual= 1	H	Mac.=FAI FePeak.c/s=8 Rast=0"x0"	Carr.Lon.=317deg #Peaks=1 dt= 7. Step=0" Cad=1.	7s 02s -317	H.Ang=52deg XEN=835402 1.024s/pixel ". yaw=_101"
UVSP 14:26			Wavelength=2/88A		EXP #-003/4	Nast-100 At			
Event # = 9972 88/12/19,16:18			SMM Pointing:	N26W03		Pitch=-451",Yaw=-45",Roll=Odeg	r=-45",Roll=	0deg	H.Ang≈28deg
Start GOES 16:10 HXRBS 16:10:17 BCS 16:11	reak 16:18 :17 16:10:59 16:19	Leria Crimes 16:50 16:11:35 17:07	Importance=C4 Peakc/s=146 CaPeak.c/s=104	Qual=03 Qual=01 Qual= 1	Tot Cts=1159 FePeak=16:15	MaxkeV=143 FePeak.c/s=20 past=300"x240"	#Peaks=1 Step=15"	dt= 7.7s X Cad= 328s 1	XEN=835403 1.024s/pixel
			Wavelength=2788A	Code=01	Exp #=80576	Rast=180"x1"	Step=0"	Pitch=-317	", Yaw=-114"
Event # = 9973	_		SMM Pointing:	N26W05		Pitch=-451", Yaw	, Yaw=-84", Roll=Odeg	-0deg	H.Ang=28deg
Optical	Peak	End times	HaClass=SB HaClass=SN	S31W47 N23W39	AR5273 AR5279	Mac.=FAI	Carr.Lon.=314deg Carr.Lon.=306deg	=314deg =306deg	H.Ang=53deg H.Ang=45deg
GOES 21:09 HXRBS 21:10:30 UVSP 21:09	21:13 21:10:4	21:20 3 21:10:50	oortance=C5 akc/s=62 velength=1375	Qual=01 Qual=01 Code=00	Tot Cts=191 Exp #=80601	MaxkeV=143 Rast=10"x10"	Step=0"	Pitch=-317"	", Yaw=+50" 
HXRBS 21:11:56	56 21:12:01	1 21:12:21	Peakc/s=47	Associateu Qual=01	Tot Cts=113	MaxkeV=102			
Event # = 9975 88/12/19 22:31	1		SMM Pointing:	N26W06		Pitch=-451",Ya	, Yaw=-97", Roll=Odeg	=0deg	H.Ang=28deg
Ontical	Peak	End times	HaClass=SF	N23W39	AR5279	Mac.=FKI	Carr.Lon.=306deg	=306deg	H.Ang=45deg
GOES 22:29 HXRBS 22:29:48 UVSP 22:31	22:31 48 22:30:02	22:37 2 22:30:18	Importance=C4 Peakc/s=92 Wavelength=1375A	Qual=01 Qual=01 Code=02	Tot Cts=447 Exp #=80608	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-447"	", Yaw=-27"
				88/12/20	0 D0Y=355				
Event # = 9976 88/12/20.02:05			SMM Pointing:	N26W08		Pitch=-450", Yaw=-123"	W=-123", Rol	, Roll≖Odeg	H.Ang=29deg
Ontical	Peak	End times	HaClass=2N	\$31W53	AR5273	Mac.=EKI	Carr.Lon.=318deg	=318deg	H.Ang=58deg
GOES 01:52 HXRBS 01:51	02:05 :06 02:01:5	01:52 02:05 02:13 01:51:06 02:01:56 02:06:07	Importance=M2 Peakc/s=265 Wavelength=1375A	Qual=01 Qual=01 A Code=02	Tot Cts=34732 Exp #=80640	MaxkeV=320 Rast=10"x10"	Step=0"	Pitch=-50	Pitch=-507",Yaw=-111"
Radio Frequency	Type/ nency (MHz)/	Intensity: /Flux(sfu):	111/2 245/21	410/29 606/30 2695/97		4995/130 8800/85 15400/59			
Event # = 9977 88/12/20,02:11	77 11 pov=355		SMM Pointing:	N26W08		pitch=-450", Yaw=-123",Roll=Odeg	3W=-123", Ro	l1=0deg	H.Ang=29deg
Start GOES HXRBS 02:11: UVSP 02:05		Enu 5 02:1	Peakc/s=53 Wavelength=1375A	Qual=00 Qual=01 A	Tot Cts=138 Exp #=80640	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch≡-50	Pitch=-507", Yaw=-111"

02:18 02:43	Event # = 9978 88/12/20,02:18 DOY=355		SMM Pointing:	N26W08		Pitch=-450", Yaw=-123", Roll=Odeg	IW=-123", Rol	]=0deg	H.Ang=29deg
102:13	start reak	End times	HaClass=2N	\$31W53	AR5273	Mac.=EKI	Carr.Lon.=318deq	=318deq	H.Ang=58deg
Type/Intensity: III/1	)2:13 02:18 )2:14:21 02:17:19 )2:18	02:43 02:18:04	Importance=Ml Peakc/s=261 Wavelenoth=1375A	Qual=01 Qual=01 Code=02	Tot Cts=9085 Fxn #=80643	MaxkeV=230 Past=10"×10"	(+ pp = 0 !!	-42+;0	= C
DOY=355 Peak End times HaClass=SF 06:36 O6:36 O6:36 O6:36 DOY=355 DOY=355 I1:24 I1:24:29 I1:24:29 I1:24:29 I1:24:29 I1:24:29 I1:27 I1:39 DOY=355  DOY=355  DOY=355  DOY=355 IVA  Wavelength=2788A  IVA IVA IVA IVA IVA IVA IVA IVA IVA I	reeps Type/I Frequency(MHz)/F	ntensity: lux(sfu):	111/1 245/130 410/32	5/15	2695/94	8800/56	3cp-5 15400/22	700	CTTMp- '
06:26 06:36 Importance=C3 Qual=01 06:27 06:36 CaPeak.c/s=36 Qual=01  DOY=355 End times 11:24:29 11:24:54 Importance=C7 Qual=01 11:27 11:39 CaPeak.c/s=289 Qual=03 11:24 15:32 CaPeak.c/s=289 Qual=03 12:44 15:32 Importance=M7 Qual=03 12:44:00 Wavelength=2788A  DOY=355 End times Importance=M7 Qual=03 12:44:00 Wavelength=2788A  Type/Intensity: 245/2100 410/410 606/540  DOY=355 End times SMM Pointing: N26W16 Peak End times SMM Pointing: N26W16 Peak End times SMM Pointing: N26W16 Peak End times SMM Pointing: N26W16 Peak End times SMM Pointing: N26W16 Peak Cy(MHz)/Flux(sfu): 245/2100 410/410 606/540  17:11:16 17:11:42 Peakc/s=49 Qual=01 Wavelength=1375A  OUN=355 Qual=01 Wavelength=1375A Qual=01 U2:25:25:25 17:13:16 Peakc/s=54 Qual=01 U2:12:25 17:13:16 Peakc/s=54 Qual=01	DOY=35 Peak	End times							
DOY=355  DOY=355  End times 11:24:29 11:24:54 Peakc/s=289 Qual=01 11:27 11:39 CaPeak.c/s=289 Qual=01 11:27 11:39 CaPeak.c/s=289 Qual=01 11:27 11:39 CaPeak.c/s=274 Qual=01 12:34 15:32 Peakc/s=1278 Qual=03 12:34 15:35 Peakc/s=1278 Qual=03 12:34 15:35 Peakc/s=1278 Qual=03 12:44:00 Wavelength=2788A  Type/Intensity: 245/2100 410/410 606/540 17:11:16 17:11:42 Peakc/s=49 Qual=01 Wavelength=1375A  DOY=355 MM Pointing: N26W16 Peak End times  DOY=355 MM Pointing: N26W16 Peak End times  DOY=355 Qual=01 Wavelength=1375A  Qual=01 17:12:32 17:13:16 Peakc/s=54 Qual=01		96:36	HaClass=SF Importance=C3	N26W14 Qual=01	AR5278	Mac.=EKC	Carr.Lon.=276deg	=276deg	H.Ang=31deg
DOY=355 Peak I1:28 I1:44 I1:28 I1:49 I1:24:59 I1:24:59 I1:27 I1:39 DOY=355 End times I2:44 I2:26:35 I4:13:56 I2:44:00 Wavelength=2788A Type/Intensity: Type/Intensity: I2:26:35 I1:16 I7:11:16 I7:11:16 I7:11:16 I7:12:32 I7:12:32 I7:12:32 I7:12:32 I7:12:32 I7:12:32 I7:12:32 I7:12:32 I7:12:36 I1:44 Importance=C7 Qual=03 Qual=03 Qual=04 Wavelength=1375A Qual=04 Wavelength=1375A Qual=04 Wavelength=1375A Qual=06 Ual=06		06:36	CaPeak.c/s=36 Wavelength=1375A		FePeak=06:27 Exp #=80673	FePeak.c/s=8 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-452",	XEN=835500 1.024s/pixel ', Yaw=-95"
1.24	DOY=35		Pointing	N26W13		Pitch=-451", Ya	, Yaw=-198", Roll=Odeg	]=0deg	H.Ang=30deg
DOY=355  DOY=355  End times 12:44 15:32 12:26:35 14:13:56 12:44:00  Type/Intensity: 1V/3  Cy(MHz)/Flux(sfu): 245/2100 410/410 606/540  DOY=355  End times  DOY=355  SMM Pointing: N26W16  Peak  DOY=355  SMM Pointing: N26W16  Peak  DOY=355  SMM Pointing: N26W16  Peak  DOY=355  SMM Pointing: N26W16  Qual=00  17:12:32 17:13:16 Peakc/s=54  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01	11:28 11:28 11:24	II:44 11:24:54 11:39	Importance=C7 Peakc/s=289 CaPeak.c/s=274	Qual=01 Qual=03 Qual= 1	Tot Cts=3828 FePeak=11:27	MaxkeV=187 FePeak.c/s=67	Flags=M1, #Peaks=1	EG dt= 3.8s	XEN=835501
DOY=355 Peak 12:44 15:32 12:44 15:26:35 14:13:56 12:44:00 Peak Type/Intensity: 145/2100 410/410 606/540 DOY=355 DOY=355 End times DOY=355 SMM Pointing: N26W16 Peak End times SMM Pointing: N26W16 Peak End times SMM Pointing: N26W16 Peak DOY=355 SMM Pointing: N26W16 Peak End times SMM Pointing: N26W16 Peak DOY=355 SMM Pointing: N26W16 Peak DOY=355 SMM Pointing: N26W16 Peak DOY=355 SMM Pointing: N26W16 Peak DOY=355 SMM Pointing: N26W16 Peak DOY=355 SMM Pointing: N26W16 Peak DOY=355 SMM Pointing: N26W16 Peak DOY=355 SMM Pointing: N26W16 Peak	1:49		Wavelength=2788A		Exp #=80699	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s 1 Pitch=-316",	1.024s/pixel ',Yaw=-21"
Type/Intensity: 244:00  Type/Intensity: 245/2100 410/410 606/540  D0Y=355  D0Y=355  End times  D0Y=355  SMM Pointing: N26W16  Peak  D0Y=355  SMM Pointing: N26W16  Wavelength=1375A  Qual=01  Wavelength=1375A  Qual=01  D0Y=355  SMM Pointing: N26W16  Peak  D0Y=355  SMM Pointing: N26W16  Peak  D0Y=355  SMM Pointing: N26W16  Peak  D0Y=355  Qual=01  Wavelength=1375A  Qual=01  D17:12:32 17:13:16 Peakc/s=54  Qual=01	0Y=355		1	N26W13		Pitch=-451", Yaw=-198",	W=-198", Rol	, Roll=Odeg	H.Ang=30deg
Type/Intensity: 1V/3  cy(MHz)/Flux(sfu): 245/2100 410/410 606/540  1007=355  End times  D07=355  D07=355  End times  D07=355  SMM Pointing: N26W16  Wavelength=1375A  Mavelength=1375A  D07=355  SMM Pointing: N26W16  Peak  End times  D07=351  D07=351  D07=355  SMM Pointing: N26W16  Qual=00  D07=351  D07=355	2:26:35	15:32 14:13:56		Qual=03 Qual=14	Tot Cts=1.36E+5	MaxkeV=855	Flags=M1,	Flags=M1, SN, EN, IS, DG	,
Cy(MHz)/Filux(sfu): 245/2100 410/410 606/540  DOY=355  End times  17:11:16 17:11:42 Peakc/s=49 Qual=01  Mavelength=1375A  DOY=355  SMM Pointing: N26W16 Peak  End times  Oual=00  17:12:32 17:13:16 Peakc/s=54 Qual=01	Tvne/Ir	12:44:00 ottober	Wavelength=2788A		Exp #=80700	Rast=180"x1"	Step=0"	Pitch=-316"	Dur=1080sec Pitch=-316",Yaw=-25"
D0Y=355 Peak End times 17:11:16 17:11:42 Peakc/s=49 D0Y=355 D0Y=355 End times  Qual=00 Exp #=80706 Ravelength=1375A Qual=01 D0Y=355 Peak D0Y=355 D0	Frequency (MHz)/F	lux(sfu):	245/2100 410/410	606/540	1415/800 2695/69	0 4995/1900 8800	0/2500 15400	0/3200	
17:11:16 17:11:42 Peakc/s=49 Qual=01 Tot Cts=160 Wavelength=1375A Exp #=80706  DOY=355 SMM Pointing: N26W16 Peak End times Qual=00 Tot Cts=329	DOY=35 Peak	End times	Pointing	N26W16		Pitch=-452", Yaw=-247", Roll=Odeg	w=-247", Rol		H.Ang=32deg
DOY=355 SMM Pointing: N26W16 Peak End times Qual=00 Tot Cts=329		17:11:42	kc/s=49 elength=1375A	Qual=00 Qual=01	Tot Cts=160 Exp #=80706	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-445", Yaw=-250"	, Yaw=-250"
0ual=00 17:12:32 17:13:16 Peakc/s=54 Qual=01 Tot Cts=329	D0Y=35		1	N26W16		Pitch=-452", Yaw=-247", Roll=Odeg	v=-247", Roll		H.Ang=32deg
l/:ll Wavelength=1375A Exp #=80706	17:12	17:1	Peakc/s=54 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=329 Exp #=80706	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-445", Yaw=-250"	, Yaw=-250"

Event #88/12/2	t = 9986	D0Y=355		SMM Pointing:	N26W16		Pitch=-452", Yaw=	, Yaw=-247", Roll=0deg		H.Ang=32deg
GOES HXRBS BCS	Start 17:22 5 17:23:15 17:30	Peak 17:25 17:24:37 17:30	End times 17:53 17:26:00 17:34	Importance=C5 Peakc/s=69 CaPeak.c/s=19	Qual=03 Qual=01 Qual= 3	Tot Cts=1381 FePeak=17:33	MaxkeV=143 FePeak.c/s=6	-	dt= 7.75	XEN=835502
FCS UVSP	17:15			5A	Code=00	Exp #=80709	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"		1.024s/p1xe! ",Yaw=-338"
Event 88/12/	Event # = 22104 88/12/20,18:42 Start GOES 18:40	DOY=355 Peak 18:42	End times 18:45	Importance=C5	Qua]=04		1	i	1	
BCS FCS UVSP	18:42 18:45	18:4	σ	75A	Qual= 5 Code=02	FePeak=18:42 Exp #=80713	FePeak.c/s=8 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= /./s ) Cad=1.02s ] Pitch=-445"	XEN=8355U3 1.024s/pixel ",Yaw=-263"
تمسا	# = 22105 /20,20:17 Start	D0Y=355 Peak	End times		-					
BCS BCS	20:16	20:17	20:52	CaPeak.c/s=30	Qual=00 Qual= 5	FePeak=20:21	FePeak.c/s=6	#Peaks=1 Sten=0"	dt= 7.7s Cad=1.02s	XEN=835504 1_024s/pixel
UVSP	20:18			Wavelength=1375A		Exp #=80720			Pitch=-445"	", Yaw=-276"
					88/12/2	1 D0Y=356				
Event 88/12/ GOES BCS UVSP	# = 22106 //21,00:10 Start 00:06 00:09	DOY=356 Peak 00:10	End times 00:30 00:11	Importance=C3 CaPeak.c/s=26 Wavelength=1375A	000	FePeak=00:10 Exp #=80752	FePeak.c/s=8 Rast=10"x10"	#Peaks=1 Step=0"	dt= 7.7s Pitch=-517"	dt= 7.7s XEN=835600 Pitch=-517", Yaw=-274"
ven1	1866 = #			1					-	
88/12/	21,02:50		Fnd times	SMM Pointing:	N26W21		Pitch=-451",Yaw	, Yaw=-319", Roll=Odeg	]≖0deg	H.Ang=34deg
GOES HXRBS	02:48 02:48:06	02:50 5 02:48:19	02:53 02:48:29	Importance=C3 Peakc/s=87	Qual=01 Qual=01	Tot Cts=423	MaxkeV=143		Pitch=-469"	", Yaw=-402"
HXRBS	02:48:49 02:37	9 02:49:03 02:	49:17	Peakc/s=81 Wavelength=1375A	sociated Qual=01	Event # = 9988 Tot Cts=230 Exp #=80769	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-512"	., Yaw=-328"
Event 88/12/	Event # = 9989 88/12/21,06:14	D0Y=356		SMM Pointing:	N26W23		Pitch=-451", Yaw	, Yaw=-344", Rol	, Roll=Odeg	H.Ang=35deg
Optica	Start 1		OK-23		N27W27	AR5278	Mac.=DKI	Carr.Lon.=276deg	=276deg	H.Ang=39deg
HXRBS BCS	06:09:5 06:11	9 06:11:39 06:13	06:13:32 06:22	Peakc/s=69 CaPeak.c/s=30	Qual=01 Qual= 1	Tot Cts=1734 FePeak=06:12	MaxkeV=143 FePeak.c/s=11 Rast=115"x115"	#Peaks=1 Step=5"	dt= 7.7s Cad=1083s	XEN=835601 2.048s/pixel
UVSP Radio	0	5:43 Frequency (MHz)/Flux(sfu)	Flux(sfu):	Wavelength=2788A 606/1	Code=00	Exp #=80792	Rast=243"x243"	,		14",Yaw=-351"

Event 88/12/ 60ES BCS FCS UVSP	Event # = 22107 88/12/21,12:44 Start GOES BCS 12:33 FCS 12:45	D0Y=356 Peak 12:44	End times 12:49	CaPeak.c/s=26	Qua]=00 Qua]= 3	FePeak=12:38 Fyn #=80700	FePeak.c/s=14 Rast=0"x0" Dac+=180"\1"	#Peaks=1 Step=0"	dt= 7.7s XI Cad=1.02s 1.	XEN=835602 1.024s/pixel
Event 88/12/	Event # = 9990 88/12/21,15:24	D0Y=356		SMM Pointing:	N26W28		Pitch=-452", Yaw	, Yaw=-413", Roll=Odeg	1=0deg	H.Ang=39deg
Optica GOFS	start 15:20		<i>'</i>	HaClass=SF	N27W17	AR5280	Mac.=FAI	Carr.Lon.=261deg	=261deg	H.Ang=33deg
HXRBS UVSP Radio	<b></b>	5:20:54 15:21:09 15:22:0 5:52 Frequency(MHz)/Flux(sfu)	∞	Importance-c3 Peakc/s=122 Wavelength=2788A 606/280	Qual=03	Tot Cts=1150 Exp #=80803	MaxkeV=143 Rast=180"x1"	Flags=ES Step=0"	Pitch=-318	Pitch=-318",Yaw=-257"
Event 88/12/,	Event # = 11859 88/12/21,15:57 Start	DOY=356	Fnd + impo	SMM Pointing:	N26W28		Pitch=-452", Yaw=-413"	=-413", Rol	, Roll=0deg	H.Ang=39deg
Optica	15.53	15.57	16.07	HaClass=SF	S32W67	AR5273	Mac.=FKI	Carr.Lon.=311deg	=311deg	H.Ang=70deg
HXRBS	15:53:05 15:52	15:54:35	15:55:16	importance=nz Peakc/s=554 Wavelength=2788A	Qual=03 Qual=04 Code=00	Tot Cts=11200 Exp #=80803	MaxkeV=230 Rast=180"x1"	Flags=M1,EN. Step=0"P	EN,SA Pitch=-318'	N,SA Pitch=-318",Yaw=-257"
120	# = 22108 /21,19:46 Start	DOY=356 Peak	End times							
GOES BCS FCS	19:41	19:46	20:15	CaPeak.c/s=32	Qua]=00 Qua]= 5	FePeak=19:41	FePeak.c/s=14	#Peaks=1	dt= 7.7s	XEN=835603
UVSP	19:44			Wavelength=1375A		Exp #=80812	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"		1.024s/pixel ",Yaw=-458"
Event # 88/12/2		DOY=356	End +imac	SMM Pointing:	N26W32		Pitch=-454", Yaw=-469", Roll=Odeg	=-469", Rol	1=0deg	H.Ang=42deg
GOES HXRBS BCS	23:15 23:21:01 23:22	23:20 23:21:19 23:22	23:25 23:21:45 23:23:23	Importance=C2 Peakc/s=74 CaPeak.c/s=19	Qual=01 Qual=01 Qual= 4	Tot Cts=412 FePeak=23:22	MaxkeV=102 FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=835604
UVSP	23:07			Wavelength=1375A Code=00	Code=00	Exp #=80838	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-451",	1.024s/pixel ',Yaw≈-475"
Event # 88/12/2 GOES BCS	Event # = 22109 88/12/21,23:32 Start GOES 23:25 BCS 23:30	DOY=356 Peak 23:32 23:33	End times 23:40 23:34	Importance=C3 CaPeak.c/s=30	Qua]=01 Qua]= 2	FePeak=23:31	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=835605
SSA PSSA	23:22			Wavelength=1375A Code=00	Code=00	Exp #=80841	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=-431"	1.024s/pixel ",Yaw=-476"

					3	_		_	<b>-</b>	_	- -		7	_
	H.Ang≖42deg	H.Ang=72deg	Yaw=-492"	H.Ang=44deg	, Үаw=-568"	H.Ang=45deg	, Yaw=-547"	H.Ang=70deg	XEN=835700 1.024s/pixel	H. Ang=38deg	XEN=835701	', Yaw=-412"	XEN=835702	, Yaw=-636"
	,Roll=Odeg H		Pitch=-443",Yaw=-492"		Pitch=-421", Yaw=-568"		Pitch=-442", Yaw=-547"		dt= 7.7s Cad= 590s		dt= 7.7s		dt= 7.7s	
	479", Roll	Carr.Lon.=169deg	Step=5"	=-511", Roll	Flags=ND Step=0"	=-532", Roll	Step=3"	Carr.Lon.=301deg	#Peaks=1 Step=10"	Carr.Lon.=266deg	#Peaks=1	Step=0"	#Peaks=1	Step=0 Step=5"
	Pitch=-450", Yaw=-479"	Mac.=CS0	MaxkeV=102 Rast=265"x265"	Pitch=-450", Yaw=-511", Roll=Odeg	MaxkeV=144 Rast=10"x10"	Pitch=-449", Yaw=-532", Roll=Odeg	MaxkeV=102 Rast=243"x243"	Mac.=EAO	FePeak.c/s=7 Rast=240"x240"	Mac.=DAO	FePeak.c/s=13	Rast=180"x1"	FePeak, c/s=6	Rast=0"x0" Rast=265"x265"
D0Y=357		AR5290	Tot Cts=115 Exp #=80845		Tot Cts=427 Exp #=80887		Tot Cts=522 Exp #=80910	AR5279	FePeak=11:27	AR5287	FePeak=13:39	Exp #=80916	FePeak=22:14	Exp #=80942
88/12/22	N26W33	N21E70	Qua =01 Qua =01 Code=02	N26W36	Qual=01 Qual=01 Code=00	N26W37	Qual=01 Qual=01 Code=00	N22W68	Qual=05 Qual= 5	N15W34	Qual=03 Qual= 2	1 Code=02	Qual=05 Qual= 1	Code=02
	SMM Pointing:	HaClass=SF	Importance=C4 Peakc/s=48 Wavelength=1375A III/1	SMM Pointing:	Importance=C3 Peakc/s=50 Wavelength=1375A	SMM Pointing:	Importance=C4 Peakc/s=50 Wavelength=2788A	HaClass=SF	Importance=C9 CaPeak.c/s=87	HaClass=SF	Importance=C4 CaPeak.c/s=26	Wavelength=2788A	Importance=C3 CaPeak.c/s=32	Wavelength=1375A
energy and the second s			1:58 ity:	30	Eria Crimes 05:24 05:16:42	1	End times 08:40 08:24:06	i mes	11:34 11:45	End times	13:58 13:48		End times 22:19 22:17	
	D0Y=357	Peak	00:23 00:21:36 Type/In	ı	Peak 05:19 05:15:48	1.5	Peak 08:25 08:23:23	D0Y=357 Peak	11:09 11:27	D0Y=357 Peak	13:36 13:45		D0Y=357 Peak 22:13 22:14	
	Event # = 9994 88/12/22,00:23	Start	00:18 00:21:33 00:24 Sweeps		GOES 05:13 HXRBS 05:15:17 UVSP 05:10	Ì	Start 08:21 08:22:55 08:16	Event # = 22110 88/12/22,11:09 Start	11:00 11:27	Event # = 22111 88/12/22,13:36 Start Ontical	13:31 13:39	13:44	t # = 22112 2/22,22:13 Start 22:10 22:14	22:16
	Event 88/12/	Optica	GÖES HXRBS UVSP Radio	Event 88/12/	GOES HXRBS UVSP	Event 88/12/	GOES HXRBS UVSP	Event 88/12, Ontice	200 200 200 200 200 200 200 200 200 200	Event 88/12	GOES BCS BCS	SSY WSP	Event 88/12, GOES BCS	FCS UVSP

			SHILLING:			י הדדיייייי	, TaW=-013 , KU!	, ko≀i≡uqeg	Sparc-Silven
Start GOES 22:35 HXRBS 22:36:12 BCS 22:37	Peak 22:38 22:36:37 22:38	End times 22:41 22:36:51 22:40	Importance=C3 Peakc/s=54 CaPeak.c/s=27	Qua}=01 Qua}=01 Qua]= 4	Tot Cts=197 FePeak=22:37	MaxkeV=144 FePeak.c/s=8	#Peaks=1 Cten=0"	dt= 7.7s X	XEN=835703
VSP 22:33			Wavelength=1375A	Code=00	Exp #=80948	Rast=10"x10"	Step=0"	Pitch=-424"	1.02+3/pixel
Event # = 9996 88/12/22,22:57 Start	DOY=357	Fnd + imes	SMM Pointing:	N26W44		Pitch=-449", Yaw	, Yaw=-615", Rol	,Roll=Odeg	H.Ang=51deg
ptical prosper			HaClass=SF	N22E28	AR5285	Mac.=DAI	Carr.Lon.	=199deg	H.Ang≕36deg
HXRBS 22:56:34 UVSP 22:47	1 22:56:48	22:56:54	Peakc/s=65 Wavelength=1375A	Qual=01 Code=00	Tot Cts=184 Exp #=80951	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-429"	', Yaw=-641"
vent # = 9997 8/12/22,23:27	00Y=357	End + imag	SMM Pointing:	N26W46		Pitch=-448", Yaw	, Yaw=-627", Rol	, Roll=Odeg	H.Ang=52deg
Optical Optical Optical	_ (		HaClass=2F HaClass=1N HaClass=SN	N28W43 N26W41 S33W82	AR5278 AR5280 AR5275	Mac.=DKI	Carr.Lon.=270deg Carr.Lon.=268deg Carr.Lon.=309deg		H.Ang=51deg H.Ang=48deg H.Ang=82deg
ES 23:02 RBS 23:46:02 S 23:48	23:27 23:47:00 23:51	01:45 00:15:19 00:37	Importance=M5 Peakc/s=82 CaPeak.c/s=1816	Qual=05 Qual=02 Qual= 5	Tot Cts=16931 FePeak=23:49	MaxkeV=102 FePeak.c/s=415	Flags=SN #Peaks=1	S	XEN=835704
23:50 Weeps Fred	Type/Intens	it []	Wavelength=1375A II/1 III/1 IV/1 245/48 410/420 60	1 06/440 14	5A Exp #=80952 V/1 606/440 1415/58 2695/150 4	Rast=0.x0" Rast=265"x265" 4095/170 8800/140	Step=U" Step=5" 15400/63	cad=1.02s Pitch=-441"	ı.∪z4s/pıxel ",Yaw=-646"
	00:16:14	5:28	Peakc/s=121 Wavelength=1375A	sociated Qual=01		MaxkeV=144 Rast=10"x10"		Pitch=-449"	, ,Yaw=-584"
				88/12/23	3 D0Y=358				
Event # = 9999 88/12/23,02:05 Start	D0Y=358 Peak	End times	SMM Pointing:	N26W47		Pitch=-449", Yaw	, Yaw=-638", Rol	,Roll=Odeg	H.Ang=53deg
GOES HXRBS 02:05:26 UVSP 01:54		05:0	Peakc/s=56 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=246 Exp #=80974	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-433"	, Yaw=-660"
Event # = 22113 88/12/23,04:57 Start	00Y=358 Peak	End times			ļ				
GOES BCS 04:52	04:57	04:58	CaPeak.c/s=25	Qua]=00 Qua]= 3	FePeak=04:57	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=835800
SP 04:48			Wavelength=1375A		Exp #=80997	Kast=U~xU~ Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=-403"	1.024s/p1xel ",Yaw=-622"
Event # = 10000 88/12/23,06:45		Fod + imac	SMM Pointing:	N26W49		Pitch=-447", Yaw	, Yaw=-659", Rol	, Roll=Odeg	H.Ang=55deg
GOES 06:43 HXRBS 06:43:50 UVSP 06:08	06:45 06:44:17	06:55 06:44:39	Importance=C4 Peakc/s=109 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=595	MaxkeV=102	C+on=3"	".CXA.=_4A∩". Yaw==6A7"	" C83

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H.Ang=56deg	, Yaw=-526"	H.Ang=58deg	H.Ang≈89deg	', Үа⊌≖-558'		XEN=835801	1.0∠4s/plxe! ',Yaw=-648"	H.Ang=61deg	H.Ang=64deg	XEN=835802	1.0245/pl	1 F T T	H.Ang=61deg	', Yaw=-678'		H.Ang=63deg	', Yaw=-704
=0deg	Pitch=-312"	=0deg	308deg	Pitch=-312",Yaw=-558"		dt= 7.7s	cad=1.02s 1 Pitch=-381",	=0deg	273deg	dt= 3.8s	Pitch=-506",		=0deg	Pitch=-461",Yaw=-678"		=0deg	Pitch=-364", Yaw=-704"
, Yaw=-680", Roll=0deg	Step=0"	, Yaw=-701", Roll=Odeg	Carr.Lon.=308deg	Flags=ND Step=O"			Step=0"	731", Roll	Carr.Lon.=273deg			! ! ! !	=-731", Roll	Step=0"		=-752",Roll	Step=0"
Pitch=-446", Yaw	MaxkeV=102 Rast=180"x1"	Pitch=-449", Yaw	Mac.=DAO	MaxkeV=187 Rast=180"x1"		FePeak.c/s=7	Kast=U~xU~ Rast=10"x10"	Pitch=-446", Yaw=-731", Roll=Odeg	Mac.=DKC	MaxkeV=102 FePeak.c/s=9	kast=300 x240 Rast=10"x10"	MaxkeV=102	Pitch=-446", Yaw=-731", Roll=Odeg	MaxkeV=102 Rast=10"x10"		Pitch=-444",Yaw=-752",Roll=Odeg	MaxkeV=102 Rast=10"x10"
	Tot Cts=318 PExp #=81007		AR5275	Tot Cts=1225 P Exp #=81015		FePeak=18:35	Exp #=81021		AR5278	Tot Cts=247 FePeak=20:20	Exp #=81027	<pre>tevent # = 10003 Tot Cts=233</pre>		Tot Cts=1651   Exp #=81033	00¥=359		Tot Cts=595 Exp #=81069
N26W51	Qual=00 Qual=01	N26W53	S33W90	Qual=03 Qual=01 Code=02	,	Qua]=00 Qua]= 5		N26W56	N31W58	Qual=01 Qual=01 Qual= 1	Code=00	Associated Qual=01	N26W56	Qual=02 Qual=01 Code=01	88/12/24	N26W59	Qual=03 Qual=01 Code=00
SMM Pointing:	Peakc/s=58 Wavelength=2788A	SMM Pointing:	Code=SPY	Importance=m2 Peakc/s=66 Wavelength=2788A II/1		CaPeak.c/s=20	Wavelength=1375A	SMM Pointing:	HaClass=SF	Importance=to Peakc/s=53 CaPeak.c/s=53	Wavelength=137	Peakc/s=53	SMM Pointing:	Importance=C5 Peakc/s=89 Wavelength=1375A		SMM Pointing:	Importance=C3 Peakc/s=56 Wavelength=1375A
Fod + imps	28:59	Frd +impo		15:26:57 15:26:57 Itensity:	End times	18:48		1	בוות רווובי	20:20:06 20:32		20:17:36	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	21:00 20:40:09		Trod + impo	01:51 01:38:34
D0Y=358	09:28:31	DOY=358	4 C C	15:16 1 15:26:26 1 Type/Int	D0Y=358 Peak	18:39		DOY=358		20:20 20:19:59 20:21		20:17:20	DOY=358	20:51 20:38:53			01:40 01:37:15
# = 10001 23,09:28 Start	09:28:29 09:03	# = 10002 23,15:18	] J.cai c.	15:10 15:26:12 15:18 Sweeps	# = 22114 /23,18:39 Start	18:32	18:37	# = 10004 /23,20:20	start 11	20:1/ 20:19:10 20:18	22	20:16:56	# = 10005 '23,20:51	20:38 20:38:08 20:38:08		+ 10	01:32 01:36:24 01:33
Event 88/12/	GOES HXRBS UVSP	Event 88/12/	Optica	GUES HXRBS UVSP Radio S	li so i	GOES	UVSP	Event 88/12/	Optica	HXRBS HXRBS BCS BCS	WSP	HXRBS	Event 88/12/	GOES HXRBS UVSP		Event 88/12/	GOES HXRBS UVSP

Maxkev=102	Event # = 10007 88/12/24,04:18 DOY=359	ĺ		SMM Pointing:	N26W60		10 + - 40 - 40 District	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Naxew=102	Peak End times	End			001070		Pitch=-443",	Yaw=-762", Ro	ارمodeg = 11	H.Ang=64deg
Archorder   Arch	04:18:04 04:18:17	04:18:17	<u> </u>	Peakc/s=53 Wavelength=1375A		Tot Exp	MaxkeV=102 Rast=10"x10"		Pitch=-36	4". Yaw=-725"
length=2788A	Event # = 22115 88/12/24,10:26 D0Y=359 Start Peak End times 60ES 10:03 10:26 10:49 Im BCS 10:16 10:16 10:18 Cai FCS 10:02			Importance=C6 CaPeak.c/s=36		FePeak=10:16	FePeak.c/s=9			XEN=835900
tance=C3	Hav	Mar	¥à	relength=2788A	_	Exp #=81101	Rast=180"x1"			1.024s/pixel 7",Yaw=-639"
Sast=10"x10"   Step=0"   Cad=1.02s	DOY=359 Peak End times 22:53 22:56 22:54 23:02			ortance=C3 eak.c/s=39	Qual=01 Qual= 1	FePeak=22:53	FePeak.c/s=9	#Peaks=1		
Class=SF N18W21 AR5283 Mac.=DAO Carr.Lon.=221deg trance=C6 Qual=04 AR5283 Mac.=DAO Carr.Lon.=221deg k.c/s=41 Qual=04 AR5283 Mac.=DAO Carr.Lon.=221deg k.c/s=41 Qual=04 Rast=265"x265" Step=0" Cad=1.02s ength=1375A Code=02 Exp #=81159 Rast=0"x0" Step=0" Cad=1.02s ength=1375A Code=00 Exp #=81159 Rast=10"x10" Step=0" Pitch=-468 :.c/s=19 Qual=01 :.c/s=19 Qual= 4 FePeak=03:39 FePeak.c/s=6 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s sngth=1375A Code=02 Exp #=81166 Rast=10"x10" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Pitch=-468"	Mave	Have	₩ave	length=1375A		Exp #=81137	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=-434	
Class=SF N18W21 AR5283 Mac.=DA0 Carr.Lon.=221deg t.c/s=41 Qual=04 AR5283 Mac.=DA0 Carr.Lon.=221deg k.c/s=41 Qual=04 AR5283 Mac.=DA0 Carr.Lon.=221deg k.c/s=41 Qual=0 Exp #=81144 Rast=265"x265" Step=0" Cad=1.02s tance=C4 Qual=01 FePeak=02:28 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Rast=10"x10" Step=0" Pitch=-468 :.c/s=19 Qual=01					88/12/2					
Class=SF N18W21 AR5283 Mac.=DA0 Carr.Lon.=221deg trance=C6 Qual=O4 k.c/s=41 Qual=O4 dual= 5 FePeak=00:13 FePeak.c/s=7 #Peaks=1 dt= 7.7s ength=1375A Code=O2 Exp #=81144 Rast=265"x265" Step=5" Pitch=-431 tance=C4 Qual=O1 k.c/s=25 Qual= 1 FePeak=02:28 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=O"x0" Step=0" Cad=1.02s ength=1375A Code=O0 Exp #=81159 Rast=10"x10" Step=0" Pitch=-468 ength=1375A Code=O2 Exp #=81166 Rast=10"x10" Step=0" Cad=1.02s ength=1375A Code=O2 Exp #=81166 Rast=10"x10" Step=0" Pitch=-468"	DOY=360 Peak End times	S								
Qual=01 Qual=0	00:12 00:45 Import		Ha(		N18W21 Qual=04	AR5283	Mac.≖DA0	Carr.Lon.	=221deg	H.Ang≈29deg
ength=1375A Code=02 Exp #=81144 Rast=265"x265" Step=5" cad=1.02s tance=C4 Qual=01 k.c/s=25 Qual=01 FePeak=02:28 FePeak.c/s=9 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s ength=1375A Code=00 Exp #=81159 Rast=10"x10" Step=0" Cad=1.02s ength=1375A Code=02 Exp #=81166 Rast=10"x10" Step=0" Cad=1.02s ength=1375A Code=02 Exp #=81166 Rast=10"x10" Step=0" Pitch=-468"	57:00	•	Larea			FePeak=00:13	FePeak.c/s=7 Rast=0"x0"	#Peaks=1	dt= 7.7s	XEN=836000
Qual=01	Mave					Exp #=81144	Rast=265"x265	=		I.024s/pixel ",Yaw=-855"
### Peaks = 0. Step = 0. Cad = 1.02	7.75,02:28 D0Y=360 Start Peak End times 02:23 02:28 02:38 Impor 02:28 02:30 02:38 CaPea		Impor CaPea		Qual=01 Qual= 1	FePeak=02:28	FePeak.c/s=9	#Peaks=1		XEN=836001
Qual=01 Qual= 4 FePeak=03:39 FePeak.c/s=6 #Peaks=1 Rast=0"x0" Step=0" 75A Code=02 Exp #=81166 Rast=10"x10" Step=0"	Wavele	Wavele	Wavele		Code=00	Exp #=81159	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"		1.024s/pixel ',Yaw=-852"
Exp #=81166 Rast=10"x10" Step=0"	DOY=360 Peak End times 03:39 03:50 Import 03:39 03:43 CaPeak	_	(mpor	tance=C3	(ua]=01 (ua]= 4	FePeak=03:39	Feboak c/s=6	34 O O	7 - 1 7	
	Wavel	Wave	lave	length=1375A (		Exp #=81166	Rast=0"x0" Rast=10"x10"	Step=0" Step=0" Step=0"	Cad=1.02s Pitch=-468"	λεν≕δ36002 1.024s/pixel ,Yaw=-856"

_		F	5	5	g
XEN=836003 1.024s/pixel ",Yaw=-698"	H.Ang=77deg	H.Ang=77deg XEN=836004 1.024s/pixe , Yaw=-703"	H.Ang=77deg	H.Ang=79deg XEN=836005 1.024s/pixe1 ',Yaw=-706"	H.Ang=79deg XEN=836006 1.024s/pixel ", Yaw=-707"
dt= 3.8s XE Cad= 590s 1. Pitch=-302",	=-305"	.8s 328s =-301"	301"	.8s 590s =-301	.8s 328s =-300
#Peaks=1 c Step=10" ( Step=0" F	, Ro11	',Yaw=-845",Roll=Odeg Flags=M1,EG 23 #Peaks=1 dt= 3 40" Step=15" Cad= ." Step=0" Pitch	=-845", Roll	,yaw=-855",Roll=0deg .42 #Peaks=2 dt= 3 .40" Step=10" Cad= ." Step=0" Pitch	.yaw=-855",Roll=Odeg Flags=FS Flags=FS #Peaks=1 dt= 3 40" Step=15" Cad= [" Step=0" Pitch
FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	Pitch=-437", Yaw=-845" MaxkeV=102 Rast=180"x1" Step=	Pitch=-437", Yaw: MaxkeV=230 FePeak.c/s=23 Rast=300"x240" Rast=180"x1"	Pitch=-437", Yaw=-845", Roll=Odeg MaxkeV=102 Rast=180"x1" Step=0" Pitch	Pitch=-435", Yaw MaxkeV=102 FePeak.c/s=42 Rast=240"x240" Rast=180"x1"	Pitch=-435", Yaw MaxkeV=144 FePeak.c/s=258 Rast=300"x240" Rast=180"x1"
FePeak=06:39 Exp #=81180	Tot Cts=346 Exp #=81182	Tot Cts=2885 FePeak=08:55 Exp #=81183	Tot Cts=258 Exp #=81185	Tot Cts=455 FePeak=10:03 Exp #=81185	Tot Cts=7718 FePeak=11:14 Exp #=81186
Qual=01 Qual= 1	N26W74 Qual=01 Qual=01	N26W74 Qual=03 Qual=03 Qual= 1 Code=00	N26W74 Qual=01 Qual=01	N26W77 Qual=01 Qual=01 Qual= 1	N26W77 Qual=03 Qual=01 Qual= 1
Importance=C3 CaPeak.c/s=79 Wavelength=2788A 410/52	SMM Pointing: Importance=C3 Peakc/s=65 Wavelength=2788A	SMM Pointing: Importance=C3 Peakc/s=315 CaPeak.c/s=81 Wavelength=2788A	SMM Pointing: Importance=C4 Peakc/s=57 Wavelength=2788A 606/71 15400/37	SMM Pointing: Importance=C4 Peakc/s=61 CaPeak.c/s=179 Wavelength=2788A	SMM Pointing: Importance=M1 Peakc/s=132 CaPeak.c/s=887 Wavelength=2788A
s ::	End times 08:50 08:13:59	End times 09:10 08:54:00 08:56	δ ∞ ··	End times 10:30 10:03:04 10:17	End times 11:41 4 11:15:46 11:48
DOY=360 Peak 06:42 06:42	DOY=360 Peak 08:17 08:13:33	DOY=360 Peak 08:55 08:53:37 08:55	= 10010 ,09:58 DOY=360 tart Peak End tim 9:54 09:58 10:01 9:55:32 09:55:43 09:56:1 0:26 Frequency(MHz)/Flux(sfu)	DOY=360 Peak 10:03 5 10:01:55	D0Y=360 Peak 11:15 11:12:1
2/25,06:42 Start 06:33 06:35 06:21	_ 10008 5,08:17 Start 08:12 08:13:10	2/25,08:55 2/25,08:55 Start 08:53 S 08:53:22 08:54	10005	Event # = 10011 88/12/25,10:03 Start GOES 10:01 HXRBS 10:01:26 BCS 09:57 FCS	Event # = 10012 88/12/25,11:15 Start GOES 11:09 HXRBS 11:11:31 BCS 11:12 FCS UVSP 11:01
Event # 88/12/2 GOES BCS FCS UVSP Radio	Event # 88/12/2 GOES HXRBS UVSP	Event 88/12/ GOES HXRBS BCS FCS UVSP	Event 88/12/ GOES HXRBS UVSP Radio	Event 88/12/ 60ES HXRBS BCS FCS UVSP	Event 88/12/ 60ES HXRBS BCS FCS UVSP

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Event # = 10013 88/12/25,14:25	10013 14:25	D0Y=360		SMM Pointing:	N26W77		Pitch=-435", Yaw	, Yaw=-855", Rol	, Roll=Odeg	H.Ang=79deg
60ES HXRBS 14 UVSP 14	tart 4:25:45 4:09	reak 14:25:50	End times 14:26:15	Peakc/s=113 Wavelength=2788A	Qua1=00 Qua1=01	Tot Cts=662 Exp #=81190	MaxkeV=230 Rast=180"x1"	Step=0"	Pitch=-300",Yaw=-712"	, Yaw=-712"
Event # = 10015 88/12/25,19:07 Start	10015 19:07 art	D0Y=360 Peak	End times		NZ6W80		33"	, Yaw=-865", Rol		H. Ang=82deg
Optical GOES 19 HXRBS 19 BCS 19	9:00 9:04:18 9:03	19:07 19:06:16 19:06	19:20 19:07:01 19:23	HaClass=SF Importance=C6 Peakc/s=215 CaPeak.c/s=284	N25W88 Qual=01 Qual=01 Qual= 1	AR52/8 Tot Cts=3077 FePeak=19:06	Mac.=DSU MaxkeV=144 FePeak.c/s=66	••	SS	H.Ang=894eg XEN=836007
HCS UVSP 19 HXRBS 19 UVSP 19	19:02 19:02:32 19:01	19:02:39	19:02:39 19:02:58	Wavelength=1375A Code=00 Associate Peakc/s=107 Qual=01 Wavelength=1375A	5A Code=00 Associated Qual=01 5A	Exp #=81198 Event # = 10014 Tot Cts=460 Exp #=81197	Rast=10"x10" Rast=10"x10" MaxkeV=102 Rast=150"x150"	Step=15 Step=0" Step=10"	Ŧ. Ŧ.	1.0245/plxei ,Yaw=-883" , Yaw=-883"
Event # = 88/12/25,	# = 10016 25,22:02	D0Y=360	1	SMM Pointing:	N26W80		Pitch=-433", Yaw:	, Yaw=-865", Roll=Odeg		H.Ang=82deg
GOES HXRBS 22 UVSP 22	Start 22:02:09 22:07	reak 22:02:20	22:02:25	Peakc/s=63 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=130 Exp #=81207	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-425"	, Yaw=-894"
Event # = 88/12/25,	# = 10018 25, 22:44	D0Y=360		SMM Pointing:	N26W80		Pitch=-433", Yaw	, Yaw=-865", Rol	, Roll=Odeg	H.Ang=82deg
St Optical	art	Peak	= = =	HaClass=SN	\$17E36	AR5292	Mac.≂DAO	Carr.Lon.=151deg		H.Ang=38deg
01010	22:31:52 22:28 22:28	22:34:47	22:39:00	importance=co Peakc/s=99 Wavelength=1375	Jual=03	Tot Cts=7383 Exp #=81210	MaxkeV=10 Rast=110"	ep=5"	tch=-447"	, Yaw=-923"
HXRBS 22 UVSP 22	22:24:06	22:25:15	22:27:28		sociated Qual=01	Event # = 1001/ Tot Cts=1315 Exp #=81208	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-367"	,Yaw=-922"
					88/12/26	5 D0Y=361				
Event # = 88/12/26, St	# = 10019 26,06:07 Start	DOY=361 Peak	Fnd times	SMM Pointing:	N26W84		Pitch=-425", Yaw	, Yaw=-877", Rol	, Roll=Odeg	H.Ang=86deg
GOES HXRBS 06 UVSP 05	06:07:00 05:56	06:07:10	06:0	Peakc/s=63 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=181 Exp #=81243	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-420", Yaw=-901"	, Yaw=-901"
Event # = 88/12/26, St	# = 22121 /26,07:31 Start 07:27 07:19	DOY=361 Peak 07:31 07:31	End times 07:44 07:33	Importance=C2 CaPeak.c/s=18 Wavelength=2788A	Qual=01 Qual= 4 Code=01	FePeak=07:30 Exp #=81244	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-293",	XEN=836100 1.024s/pixe1 ",Yaw=-729"

88/12/26,20:22 Start	D0Y=361 Peak	End times							
otical 0FS 20:13	20.22		HaClass=1B	\$20E20	AR5292	Mac.=DA0	Carr.Lon.=156deg		H.Ang=26deg
HXRBS 20:15:57 UVSP 20:13	20:19:31	20:27:34	Peakc/s=126 Wavelength=1375A		Tot Cts=8783 Exp #=81267	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-438", Yaw	, Yaw=-873"
Event # = 22122 88/12/26,23:34 Start GOES 23:22 BCS 23:26	D0Y=361 Peak 23:34 23:34	End times 23:58 23:43	Importance=C3 CaPeak.c/s=33	Qual=01	FePeak=23:20	February C/s=11	# # Dead *	7 c Y CN=	836101
CS VSP 23:33 adio Sweeps	Type/Intensi	ntensity:	Wavelength=1375A III/1		Exp #=81283	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1.02 Pitch=-433", Yaw	1.024s/pixel ',Yaw=-878"
				88/12/27	7 D0Y=362				
.vent # = 10021 8/12/27,01:17 Start	D0Y=362 Peak	End times			,				
GUES HXRBS 01:16:36 UVSP 01:07	01:17:27	01:19:32	Peakc/s=76 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=2054 Exp #=81292	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-433",Yaw=-878"	=-878 <sub>"</sub>
Event # = 10024 88/12/27,02:48 Start	D0Y=362 Peak	End times		-					
HXRBS 02:47:00 UVSP 02:42	02:48:04	02:49:17	Peakc/s=62 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=1003 Exp #=81301	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-433", Yaw	, Yaw=-878"
int # = 10025 12/27,03:11	30Y=362								
Start 60ES 02:38 (HXRBS 02:57:40 (UVSP 02:55	eak )3:11 )2:58:43	End times 04:15 03:01:46	Importance=C6 Peakc/s=65 Wavelength=1375A	Qual=02 Qual=01 Code=01	Tot Cts=2006 Exp #=81303	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-433",Yaw∍	, Үам=-878"
Event # = 10026 88/12/27,05:33 Start	D0Y=362 Peak	End times							
05.21	05.33	05.4	HaClass=SF	S18E17	AR5292	Mac.=EKI	Carr.Lon.=154deg		H.Ang=23deg
HXRBS 05:20:52 HXRBS 05:20:52 BCS 05:31	05:23:00 05:32	05:23:07 05:34	1mportance=m1 Peakc/s=335 CaPeak.c/s=25	Qual=11 Qual=11 Qual= 4	Tot Cts=10823 FePeak=05:31	MaxkeV=144 FePeak.c/s=8	Flags=M1,DG #Peaks=1 dt	7.75	836200
د ب	Type/Ir		Wavelength=2788A	Code=00	Exp #=81313	Kast=115"×115" Rast=243"×243"	Step=5" Step=3"	d=1083s tch=-420	2.048s/pixel ",Yaw=-901"
י ל י	Frequency (MHz)/Flux(sfu)	· · · · · a	245/226 410/110 606/140 ; Deak Associated Company Com	606/140 2 ssociated	226 410/110 606/140 2695/93 8800/96 15400/44	5400/44	1 6	1 1 1 1	•

Event # 88/12/2 60ES HXRBS (BCS ECS ECS ECS ECS ECS ECS ECS ECS ECS E	Event # = 10028 88/12/27,07:36 D Start F GOES 07:12 C HXRBS 07:03:06 C BCS 07:04 C	107=362 eak 17:36 17:10:50	End times 09:11 07:36:29	Importance=M2 Peakc/s=322 CaPeak.c/s=1775	Qual=03 Qual=11 Qual= 1	Tot Cts=1.35E+5 FePeak=07:24	MaxkeV=187 FePeak.c/s=683 Bast=240",240"	Flags=M1, #Peaks=2 C+en=10	t= 7.7s	XEN=836201
UVSP UVSP Radio Sv Radio	07:41 Sweeps Frequenc	7:41 eeps Type/Intensity Frequency(MHz)/Flux(sfu)	ntensity: lux(sfu):	Wavelength=2788A Code=02 Exp #=81315 Rast=180"xl I1/3 III/3 245/93 410/17 606/55 2695/66 4995/74 8800/48 15400/19	Code=02 6/55 2695,	Exp #=81315 /66 4995/74 8800	Rast=180"x1" /48 15400/19	Step=0"	Pitch=-293"	, Yaw=-729"
Event # 88/12/22 Optical BCS (FCS UVSP (CS)	Event # = 22123 88/12/27,08:23 Start Optical BCS 08:23 FCS 08:17	DOY=362 Peak 08:23	End times 09:19	HaClass=SN CaPeak.c/s=265 Wavelength=2788A	\$16E18 Qual= 5	AR5292 FePeak=08:23 Exp #=81316	Mac.=EKI FePeak.c/s=14 Rast=300"x240" Rast=180"x1"	Carr.Lon.=151deg #Peaks=1 dt= 3. Step=15" Cad= 3 Step=0" Pitch=	8s 28s -293'	H.Ang=22deg XEN=836202 1.024s/pixe1 ', Yaw=-729"
Event # = 10022 88/12/27,08:39 Start Optical	= 10022 7,08:39 Start	D0Y=362 Peak	End times	HaClass=SN	N20W38	AR5285	Mac.=EHO	Carr. Lon.=207deg	=207deg	H.Ang=44deg
HXRBS (UVSP (Radio Sv		7 Type/Ir (MHz)/F1		Peakc/s=113 Qual= Wavelength=2788A III/3 245/330 606/3 2695/38	Qual=01	Tot Cts=1645 Exp #=81316	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-293",Yaw=-729"	, Үам=-729"
Event # 88/12/27 Optical GOES HXRBS ( UVSP ( Radio	Event # = 10023 88/12/27,08:43 Start Optical GOES HXRBS 08:42:51 UVSP 08:17 Radio Frequenc	= 10023 7,08:43 DOY=362 Start Peak End time 08:42:51 08:43:48 08:44:19 08:17 Frequency(MHz)/Flux(sfu):	1 65	HaClass=SN Peakc/s=83 Wavelength=2788A 245/90	N20W38 Qual=00 Qual=01	AR5285 Tot Cts=891 Exp #=81316	Mac.=EH0 MaxkeV=102 Rast=180"x1"	Carr.Lon.=207deg Step=0" Pitch=	-293"	H.Ang=44deg , Yaw≖-729"
Event # 88/12/27 60ES C FCS UVSP C	Event # = 22124 88/12/27,09:58 Start GOES 09:57 FCS 09:50	D0Y=362 Peak 09:58	End times 10:42	CaPeak.c/s=26 Wavelength=2788A	Qua]=00 Qua]= 5	FePeak=09:58 Exp #=81318	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-293",	XEN=836203 1.024s/pixel , Yaw=-729"
Event # = 10029 88/12/27,10:54 Start Optical GOES 10:50 HXRBS 10:51:01 UVSP 10:48		DOY=362 Peak 10:54 10:51:41	End times 11:00 10:52:00	HaClass=SB Importance=C8 Peakc/s=669 Wavelength=2788A	\$19E13 Qual=02 Qual=11 Code=00	AR5292 Tot Cts=13644 Exp #=81319	Mac.=EKI MaxkeV=144 Rast=180"x1"	Carr.Lon.=155deg Flags=M1,DG Step=O" Pitch=	-293"	н.Ang=21deg ,Үаw=-729"

13:55   14:06	Event # = 88/12/27, St	f = 10030 27,13:55 Start	D0Y=362 Peak	End times		OCIOCH.	0000	Silve	50	200	2000
13:55	Optica	13.50		14:05		NZUW39 Oual=03	AK5285	MAC.=EMU	carr. Lon.=	6apcnz	n.Ang=44aeg
Wavelength=2788	HXRBS BCS BCS	13:50:54 13:52		13:55:21 14:00		Qual=11 Qual= 1	Tot Cts=8571 FePeak=13:53	MaxkeV=230 FePeak.c/s=9 Dast=0"x0"	_	6 dt= 7.7s Cad=1 02c	XEN=836204 ·
80/12/28         00F=363         Pitch=494", Yaw=-244", Roll=90deg         H.Ang=16deg           Peak         End times         HaClass=IN         S18E08         AR5292         Hac.=EAI         Carr.Lon.=152deg         H.Ang=17deg           00:28.20         00:28.20         00:35         CapeakC/s=389         Qual=03         Tot Cts=24295         MaxkeV=144         Rast=10*AIG         H.Ang=17deg         H.Ang=17deg           00:58.20         00:55         CapeakC/s=389         Qual=13         Tot Cts=24295         MaxkeV=144         Rast=10*AIG         H.Ang=17deg         H.Ang=17deg           00:50         00:56         CapeakC/s=389         Qual=13         Tot Cts=24295         MaxkeV=144         Rast=10*XIG         Ra	UVSP Radio	_	cy (MHz)/F		Wavelength=2788A 8800/62		Exp #=81323	Rast=180"x1"		Pitch=-293"	, Yaw=-729"
DOY=363         SMM Pointing:         S17E06         Pitch=+94", Yaw=-244", Pol1=90deg         H.Ang=16deg           Peak         HaClass=1N         S18E08         AR5292         Hac.=EAI         Carr.Lon.=154deg         H.Ang=17deg           00:26						88/12/28					
HaClass=IM SIBEOB AR5292 Hac.=EAI Carr.Lon.=152deg H.Ang=17deg Hac.Class=Serial Hac.Class=Serial Hac.Class=Serial Hac.Class=Serial Hac.Class=Serial Hac.Class=Serial Hac.Class=Hac.Lon.=154deg H.Ang=17deg H.Ang=13deg H.An	Event 88/12/:	# = 10031 28,00:54 Start	DOY=363	Fod +imes		S17E06		Pitch=+94", Yaw=.	-244", Roll=	60deg	H.Ang=16deg
00:28:20 00:35:26 factors (12-38) (ual=13) Tot Cts=24295 (Pecks.Cts=22) (Pecks.Cts=23) (ual=2) (ual=2) (Pecks.Cts=23) (ual=2) (ual=3)	Optica Optica	)	, can		HaClass=1N HaClass=SF	S18E08 N17E06	AR5292 AR5296	Mac. = EAI	Carr.Lon.= Carr.Lon.=	152deg 154deg	H.Ang=17deg H.Ang=20deg
Type/Intensity:   Havelength=1375A Code=00   Exp #=81354   Rast=10"X10"   Step=0"   Pitch=+176", Yaw=-214"   Pitch=176",  Zependov   Pitch=176", Yaw=-214"   Pitch=1775   Zependov   Pitch=1775   Zepe	HXRBS HXRBS BCS	00:23:42 00:12	00:28:20 00:50	00:55:26 00:56	Importance=m2 Peakc/s=389 CaPeak.c/s=937	Qual=13 Qual= 2 Qual= 2	Tot Cts=24295 FePeak=00:32	MaxkeV=144 FePeak.c/s=229	Flags=M1,E #Peaks=1 S+op=10"		XEN=836300
005-363		00:47 Sweeps Frequen	Type/I	ntensity: lux(sfu):	Wavelength=1375A II/2 III/2 2695/140 15400/4	Code=00	Exp #=81354	Rast=10"x10"	Step=0"	9	, Yaw=-214"
01:35		00:56 Sweeps	00:56 Type/I	00:57 ntensity:	` `	ssociated Qual= 5	Event # = 22125 FePeak=00:56	FePeak.c/s=13	•	dt= 7.7s	XEN=836301
DOY=363  Wavelength=1375A  Exp #=81355  Rast=265"x265" Step=5" Cad= 3288  Boy=363  Qual=00  Qual=00  Qual=00  Qual=00  Qual=00  Rast=265"x265" Step=5" Pitch=+25  Rast=265"x265" Step=5" Pitch=+25  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=5" Pitch=+27.7s  Rast=265"x265" Step=6" Pitch=+265" Pitc	BCS - 2		01:35		410/300 000/410  CaPeak.c/s=194	ssociated Qual= 5	Event # = 22126 FePeak=01:36	FePeak.c/s=14		dt= 3.8s	XEN=836307
D0Y=363 Peak End times 04:03 CaPeak.c/s=32 Qual=00 03:08 04:03 CaPeak.c/s=32 Qual= 5 FePeak=03:10 FePeak.c/s=6 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Rast=265"x265" Step=5" Pitch=+25 Peak End times HaClass=1F S17E31 AR5297 Mac.=DA0 Carr.Lon.=125deg 08:27:41 08:29:39 Peakc/s=60 Qual=01 Tot Cts=2022 MaxkeV=102 Wavelength=2788A Code=01 Exp #=81378 Rast=180"x1" Step=0" Pitch=+12	FCS UVSP	01:37			Wavelength=1375A		Exp #=81355	Rast=300"x240" Rast=265"x265"		Cad= 328s Pitch=+251	
DOY=363  SMM Pointing: \$17502  Peak End times  Mac.=DAO  O8:27:41 08:29:39 Peakc/s=60 Qual=01  Wavelength=1375A  Exp #=81364 Rast=265"x265" Step=5" Pitch=+25  Pitch=+242", Yaw=+25", Roll=0deg  Pitch=+242", Yaw=+25", Roll=0deg  Oa:27:41 08:29:39 Peakc/s=60 Qual=01  Oa:27:41 08:29:39 Peakc/s=60 Qual=01  MaxeeV=102  Bitch=+12		# = 22127 28,03:08 Start 03:07	D0Y=363 Peak 03:08	End times 04:03	CaPeak.c/s=32		FePeak=03:10	FePeak.c/s=6 Rast=0"x0"	-	dt= 7.7s Cad=1.02s	XEN=836302 1.024s/pixel
## 10032   Start   Peak   End times   SIMM Pointing:   SI7E02   Pitch=+242", Yaw=+25", Roll=0deg	UVSP	03:09			Wavelength=1375A		Exp #=81364	Rast=265"x265"		Pitch=+251'	', Yaw=+75"
D8:48 09:16 Importance=M1 Qual=02 Mac.=DAO Carr.Lon.=125deg 08:48 09:16 Importance=M1 Qual=02 08:27:41 08:29:39 Peakc/s=60 Qual=01 Tot Cts=2022 MaxkeV=102 Wavelength=2788A Code=01 Exp #=81378 Rast=180"x1" Step=0" Pitch=+123"	Event 88/12/	# = 10032 28,08:48	DOY=363	č	1	S17E02		Pitch=+242",Yaw	=+25", Roll=	-Odeg	H.Ang=14deg
08:25:33 08:27:41 08:29:39 Peakc/s=60 Qual=01 Tot Cts=2022 MaxkeV=102 08:25:33 08:27:41 08:29:39 Peakc/s=60 Qual=01 Exp #=81378 Rast=180"x1" Step=0"	Optica	] ] ]	7 can	2 5	HaClass=1F	\$17E31	AR5297	Mac.=DAO	Carr. Lon.=	-125deg	H.Ang=34deg
	HXRBS UVSP	08:25:33 08:39	08:27:4]	1 08:29:39	Peakc/s=60 Wavelength=2788A		Tot Cts=2022 Exp #=81378	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+123	', Yaw=+196"

Event	Event # = 22128	36-700								
Out ica]	Start	Peak	End times	10-10-10 10-10-10	conoco				- - -	•
GOES	<del>-</del>			ndass=5r	014]=00			Carr.Lon.=158deg	.=158deg	H.Ang=18deg
SSS	10:09	10:17	10:18	CaPeak.c/s=73	Qual= 2	FePeak=10:17	FePeak.c/s=14		dt= 3.8s	
UVSP	10:13			₩avelength=2788A		Exp #=81380	kast=300"x240" Rast=180"x1"	Step=15" Step=0"		1.024s/pixel 3",Yaw=+181"
Event # 88/12/2	Event # = 22129 88/12/28,10:57	DOY=363								
GOES	3 tal c	10.E7	11.25	or of a feet	Qua]=00		-			
UVSP UVSP	10:50	76:01	11:33	Lareak.c/s=28 Wavelength=2788A	Ųual≡ 5	FePeak=10:5/ Exp #=81381	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Sten=0"	dt= 7.7s Cad=1.02s Pitch=+12	XEN=836304 1.024s/pixel 3" Yaw=+176"
								) 		
Event # 88/12/2	Event # = 10033 88/12/28,12:27 Start	) DOY=363 Peak	Fnd +imes	SMM Pointing:	S17W00		Pitch=+241", Yaw	, Yaw≖-5", Roll=0deg	:0deg	H.Ang=14deg
Optical GOFS	12:17	12.27	,	HaClass=1B	N20W50	AR5285		Carr.Lon.=204deg	=204deg	H.Ang=54deg
HXRBS UVSP Radio	4 4 4	2:27:40 12:28:17 12:28:56 2:22 Frequency(MHz)/Flux(sfu):		.mpor.ce-nc qual-02 beakcs.5s=56 Qual=01 Tot Wavelength=2788A Code=00 Exp 2695/130 8800/1400 15400/1500	Qual=02 Qual=01 Code=00	Tot Cts=590 Exp #=81383	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=+123"	", Yaw=+161"
Event # 88/12/2	Event # = 11104 88/12/28,18:48 Start	D0Y=363 Peak	End times	SMM Pointing:	S17W04		Pitch=+241", Yaw	, Yaw=-73", Roll=0deg	=0deg	H.Ang=15deg
Optical GOFS	18:42	18.48	19.10	HaClass=1N	\$17E24	AR5297	Mac.=DAO	Carr.Lon.=126deg	=126deg	H.Ang=28deg
HXRBS	18:43:17 18:37	18:44:24	18:53:42	Peakc/s=214 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=15900 Exp #=81391	MaxkeV=187 Rast=180"x1"	Flags=I Step=0"	Pitch=+121"	", Yaw=+104"
	t # = 22130 2/28,20:34 Start	D0Y=363 Peak	End times							
GOES BCS	20:34	20:34	20:36	CaPeak.c/s=18	Qua]=00 Qua]= 4	FePeak=20:34	FePeak.c/s=8		dt= 7.7s	XEN=836305
	20:23			Wavelength=2788A		Exp #=81393	Rast=115"x115" Rast=243"x243"	Step=5" Step=3"	Cad=1083s 2 Pitch=+249",	2.048s/pixel ", Yaw=-84"
Event # 88/12/2	Event # = 22131 88/12/28,20:58 Start	D0Y=363 Peak	End times							
Optical GOES 2	_ 20:51	20:58		HaClass=SN Importance=C4	S11W39 Oual=04	AR5295	Mac.=CRO	Carr.Lon.=188deg	=188deg	H.Ang=40deg
BCS FCS	20:53	20:53	20:54		Qual= 2	FePeak=20:53	FePeak.c/s=11		dt= 7.7s	XEN=836306
UVSP	20:23			Wavelength=2788A	Code=01	Exp #=81393	Rast=243"x243"	Step=3" Step=3"	cad=1063s	z.U48s/p1xel ",Yaw=-84"

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	SMM Pointing:	S15E22		Pitch=+212", Yaw	Pitch=+212", Yaw=+354", Roll=Odeg	H.Ang=25deg
Start Peak	HaClass=18	N21W58	AR5285	Mac.=EKO	Carr.Lon.=205deg	H.Ang=61deg
23:41 23:47 23:58 23:40:42 23:42:59 23:51:45	Importance=M4 Peakc/s=8678	Qual=01 Qual=01	Tot Cts=2.75E+5	MaxkeV=367		0.00 120 cm
GRS 23:42:00 23:44:00 UVSP 23:44	Wavelength=1375A Code=00	Code=00	Exp #=81405	Rast=10"x10"	Step=0" Pitch=+2	Pitch=+205", Yaw=+311"
<pre>(adio Sweeps</pre>	11/2 111/2 245/2900 410/1100		2695/390 8800/1600 15400/980	00 15400/980		
		88/12/29	D0Y=364			
Event # = 10035 88/12/29,04:17 D0Y=364	SMM Pointing:	S15E19		Pitch=+210", Yaw=+311",	/=+311", Roll=0deg	H.Ang=23deg
reak	HaClass=SN	N23W57	AR5285	Mac.=EKO	Carr.Lon.=202deg	H.Ang≃61deg
GOES 04:13 04:17 04:20 HXRBS 04:14:43 04:15:21 04:16:23 UVSP 04:12 Radio Sweeps Type/Intensity:	Importance=co Peakc/s=152 ( Wavelength=1375A (	Qual=01 Qual=01 Code=00	Tot Cts=4083 Exp #=81430	MaxkeV=102 Rast=10"x10"	Step=0" Pitch=+2	Pitch=+234",Yaw=+302"
Event # = 10036 88/12/29,12:00 D0Y=364	SMM Pointing:	\$15E15		Pitch=+210", Yaw	, Yaw=+245", Roll=0deg	H.Ang=19deg
Peak		\$21W17	AR5292	Mac.≖EKI	Carr.Lon.=158deg	H.Ang=25deg
GOES 11:55 12:00 12:45 HXRBS 11:55:26 11:58:59 12:00:55 UVSP 11:48	importance=M1 Peakc/s=311 Wavelength=2788A	Qual=03 Qual=01 Code=01	Tot Cts=35370 Exp #=81459	MaxkeV=187 Rast=180"x1"	Step=0" Pitch=+89",	39", Yaw=+433"
	SMM Pointing:	S15E12		Pitch=+208", Yaw=+204"	v=+204", Roll=0deg	H.Ang=17deg
Start Peak	HaClass=1B	S42W19	AR5300	Mac.=EKO	Carr.Lon.=157deg	H.Ang≖43deg
GOES 15:36 16:40 16:43 HXRBS 16:37:08 16:39:05 16:39:28 UVSP 16:28	importance=co Peakc/s=153 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=4150 Exp #=81465	MaxkeV=187 Rast=180"x1"	Step=0" Pitch=+87"	87", Yaw=+391"
Event # = 10038 88/12/29,16:49 D0Y=364 5+304 Doals End times	SMM Pointing:	S15E12		Pitch=+208", Ya	Pitch=+208", Yaw=+204", Roll=Odeg	H.Ang=17deg
16:49:25 cy (MHz)/F1	Peakc/s=71 Wavelength=2788A 245/90	Qual=00 Qual=01	Tot Cts=1235 Exp #=81465	MaxkeV=144 Rast=180"x1"	Step=0" Pitch=+	Pitch=+87",Yaw=+391"
Event # = 10039 88/12/29,18:19 DOY=364 5-12-1	SMM Pointing:	S15E12		Pitch=+208", Ya	Pitch=+208",Yaw=+190",Roll=Odeg	H.Ang=17deg
18:19:18 18:1	Peakc/s=84 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=272 Exp #=81467	MaxkeV=144 Rast=180"x1"	Step=0" Pitch=+	Pitch=+87", Yaw=+377"

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88/12/29,18:27		1 1 1 1	SMM Pointing:	S15E12		Pitch=+208", Ya	, Yaw=+190", Ro]	, Roll=Odeg	H.Ang=17deg
Start otical	reak , eak	es Es	HaClass=1N	N21W69	AR5285	Mac.=EKO	Carr.Lon.=206ded	.=206dea	H. And≃72deo
18:25 18:25 18:25 18:03	82 2	:45	portance=C4 akc/s=56 velength=2788	Qual=01 Qual=01 A	Tot Cts= Exp #=81		Step=0"	Pitch=+87"	Pitch=+87", Yaw=+377"
HXRBS 18:21:41	18	:22:05 18:22:32	Peakc/s=50	Associated Qual=01	Event # = 10040 Tot Cts=215	MaxkeV=102	1	1 1 1 1 1	; ; ; ;
100 - # +00	3.5			88/12/30	0 DOY=365				
88/12/30,06:33 Start	132 33 DOY=365 Peak	End times							
tical ES 06:25	06:33	06:43	HaClass=SF Importance=C3	\$17E06 0ual=05	AR5297	Mac.=DAI	Carr.Lon.=125deg	.=125deg	H.Ang=15deg
BCS 06:39 FCS	90	06:48	Capeak.c/s=47	Qual= 5	FePeak=06:39	FePeak.c/s=8			XEN=836500
6:41			₩avelength=1375A	4 Code=02	Exp #=81520	Rast=265"x265"	Step=15	cad= 3285 1 Pitch=+214",	1.024s/p1xel ", Yaw=+88"
t # = 221 2/30,16:1 Start	.33 .9 D0Y=365 Peak	End times							
GOES BCS 16:18	16:19	16:50	CaPeak.c/s=25	Qua]=00 Qua]= 1	FePeak=16:18	FePeak.c/s=8	#Peaks=1	dt= 7.75	XFN=836501
SP 15:54			₩avelength=2788A		Exp #=81539	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+139",	1.024s/pixel ",Yaw=-303"
Event # = 10045 88/12/30,16:52	45 2 DOY=365 Peak	End + imag	SMM Pointing:	S18W30		Pitch=+257",Yaw	, Yaw=-464", Rol	, Roll=Odeg	H.Ang=33deg
ical 5:49		16.54	HaClass=SF	N21W81	AR5285	Mac.=EKO	Carr.Lon.=206deg	=206deg	H.Ang=83deg
HXRBS 16:50:12 UVSP 16:52	12 16:51:00	16:52:58	Peakc/s=178 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=3214 Exp #=81540	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=+140"	", Yaw=-311"
Event # = 10046 88/12/30,18:19 Start	46 9 D0Y=365 Peak	End times	SMM Pointing:	S18W31		Pitch=+261", Yaw	, Yaw=-476", Rol	, Roll=Odeg	H.Ang≈34deg
ical S 18:02			HaClass=38	\$19W30	AR5292	Mac.=EAI	Carr.Lon.=154deg	=154deg	H.Ang=33deg
HXRBS 18:27:13 BCS 18:27	13 18:27:13 18:28	18:28:37 18:29	Peak(>=51 CaPeak.c/s=3369	Qual=02 Qual= 5	Tot Cts=307 FePeak=18:28	MaxkeV=102 FePeak.c/s=462	Flags=SA #Peaks=1	dt= 3.8s	XEN=836502
UVSP 18:26 Radio Freque	18:26 Frequency (MHz)/Flux(sfu)	•• 1	2/s	Code=02 0 8800/590	7	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 328s 1 Pitch=+140",	1.024s/pixel ",Yaw=-323"
	18:29		eak.c/s=149	Associated Qual= 5	Evell # = 22134 FePeak=18:29	FePeak.c/s=44 Rast=300"x240"	#Peaks=1 Step=15"	dt= 3.8s	XEN=836503
BCS 19:08	19:08	20:04	A CaPeak.c/s=93	Associated Qual= 5	Event # = 22135 FePeak=19:08	FePeak.c/s=7	•	dt= 3.8s	XEN=836504
P 19:01			Wavelength=2788A		Exp #=81543	Kast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s 1 Pitch=+140",	1.024s/pixel '.Yaw=-328"

Event # = 88/12/30, St	t # = 22136 2/30,23:07 Start	D0Y=365 Peak	End times		ACULCS	AD5.902	1∨2≡ √e <b>M</b>	Carr I on =155dea	=155dea	H.Ang=38deg
Uptical GOES 22 BCS 22	22:58 22:55	23:07 23:01	23:14 23:11	Importance=C3 CaPeak.c/s=112	0ual=01 Qual=1	FePeak=23:00	FePeak.c/s=23	#Peaks=1	dt= 3.8s   fad= 332c	dt= 3.8s XEN=836505 fad= 3.2s 1 024s/nixel
	23:01			Wavelength=1375A	Code=00	Exp #=81560	Rast=10"x10"	Step=0"	Pitch=+271	", Yaw=-548"
					88/12/31	1 DOY=366				
Event # 88/12/31	10042	DOY=366	ogai+ ban	SMM Pointing:	S18W35		Pitch=+262",Yaw=-527",Roll=Odeg	=-527", Rol	1=0deg	H.Ang=37deg
GOES 00 HXRBS 00 UVSP 01	Start ES 00:33 RBS 00:34:16 SP 00:35	00:37 00:37 00:34:32	20:40 00:35:19	Importance=C3 Peakc/s=69 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=664 Exp #=81569	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+286'	Pitch=+286",Yaw=-550"
Event # = 10043 88/12/31,08:17	= 10043 .08:17	D0Y=366		SMM Pointing:	S15W36		Pitch=-561", Yaw=-209", Roll=90deg	=-209", Rol	1=90deg	H.Ang=38deg
S Optical		Peak	LO.		N16W33	AR5296	Mac.=DAI	Carr.Lon.=149deg	=149deg	H.Ang=38deg
GOES HXRBS UVSP 0	08:12 08:14:24 07:58	08:17 08:14:45	08:17 08:22 08:14:45 08:14:57	Importance=C3 Peakc/s=60 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=251 Exp #=81606	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-549	Pitch=-549",Yaw=-210"
Event # = 22 88/12/31,12:	137	DOY=366	t bod							
Sal		מסף י			S16W42	AR5292	Mac.=EAI	Carr.Lon.=156deg	=156deg	H.Ang=43deg
GOES 1	11:36 12:18	12:1/ 12:19	12:59 12:59	<pre>importance=cz CaPeak.c/s=44</pre>	(ual=0)	FePeak=12:19	FePeak.c/s=8	#Peaks=1	dt= 7.7s Cad=1.02s	XEN=836600 1.024s/pixel
	12:11			Wavelength=2788A Code=00	Code=00	Exp #=81611	Rast=180"x1"	Step=0"	Pitch=+145	Pitch=+145", Yaw=-455"
Event # = 10044 88/12/31,14:01		D0Y=366	İ	SMM Pointing:	S18W41		Pitch=+266", Yaw=-612", Roll=0deg	/=-612", Ro1	1=0deg	H.Ang=43deg
Optical		reak	End times	HaClass=SF	N16W36	AR5296	Mac.=DAI	Carr.Lon.=149deg	=149deg	H.Ang=40deg
GOES HXRBS 1 UVSP 1	13:57:41 13:57:41 13:46	14:01 13:58:27	14:04 13:59:07	importance-co Peakc/s=109 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=1959 Exp #=81613	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+144	Pitch=+144",Yaw=-466"

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information, including suggestions for reducing	ing and reviewing the collection of information this burden, to Washington Headquarters Se	<ol> <li>Send comments regarding this burden es naces. Directorate for information Consults.</li> </ol>	on and December 1945 I-H P. 1 (8)
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are included: 1) Gamma trometer, 4) Bent Crystal Polarimeter. Correlative of X-ray data are also presen were grouped into discrete	Ing 1988 pointed observations Ray Spectrometer, 2) Has Spectrometer, 5) Ultravidual, radio, and Geostated. Where possible, but a flare events identified by completeness of the observations.	ations. Data from the four dX-Ray Burst Spectroplet Spectrometer Polaricationary Operational Envists or transients observe y unique event numbers servations. Spacecraft p	oserved by the Solar Maxi- llowing SMM experiments meter, 3) Flat Crystal Spec- meter, and 6) Coronagraph/ vironmental Satellite (GOES) ed in the various wavelengths a. Each event carries a quali- cointing coordinates and flare
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